

APPENDIX A

Historical Record of  
Ocean Salmon Fishery Effort and Landings

APPENDIX A TABLES  
Historical Record of Ocean Salmon Fishery Effort and Landings

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Table A-1. California troll salmon fishing effort in number of deliveries and days fished by area of landing and month for 1976-1985, with 1971-1975 averages.

Area of Landing by Year	Deliveries (thousands)							Days Fished (thousands)						
	April	May	June	July	August	September	Season	April	May	June	July	August	September	Season
<u>Crescent City</u>														
1971-1975 Average	a/	0.6	1.2	1.5	0.4	0.1	3.8	NA	NA	NA	NA	NA	NA	NA
1976	a/	0.7	1.9	2.3	1.4	0.2	6.5	NA	NA	NA	NA	NA	NA	NA
1977	0.1	1.7	1.5	2.5	2.1	0.2	8.1	NA	NA	NA	NA	NA	NA	NA
1978	0.1	1.5	5.1	3.0	1.3	0.3	11.4	0.1	1.8	5.9	3.1	1.4	0.3	12.6
1979	-	1.1	1.1	4.2	2.9	0.3	9.6	-	2.3	2.7	14.0	11.4	0.4	30.8
1980	-	1.4	0.1	1.7	1.9	1.0	6.1	-	2.0	0.2	1.9	2.1	1.5	7.7
1981	-	2.1	0.6	2.1	2.5	0.7	8.1	-	3.0	0.7	2.3	3.4	1.4	10.7
1982	a/	0.8	0.5	3.0	3.3	0.6	8.2	-	1.3	0.9	3.5	4.8	1.2	11.7
1983	-	0.1	1.2	1.2	0.6	0.0	3.2	-	0.4	2.1	1.3	0.7	0.0	4.6
1984	-	0.3	0.1	0.8	0.9	a/	2.0	-	0.5	0.1	0.8	1.1	a/	2.5
1985 <sup>b/</sup>	-	-	-	a/	a/	a/	a/	-	-	a/	a/	a/	a/	a/
<u>Eureka</u>														
1971-1975 Average	0.2	1.5	2.0	3.1	1.3	0.2	8.3	NA	NA	NA	NA	NA	NA	NA
1976	0.1	1.8	3.1	3.7	1.8	a/	10.5	NA	NA	NA	NA	NA	NA	NA
1977	0.5	1.8	1.8	4.8	2.6	0.1	11.5	NA	NA	NA	NA	NA	NA	NA
1978	0.2	2.3	6.0	3.9	0.8	0.2	13.3	0.6	6.0	10.5	3.9	0.8	0.3	22.1
1979	-	1.7	1.5	4.5	2.7	0.4	10.8	-	4.3	3.9	5.6	3.5	1.2	18.5
1980	-	2.2	0.1	2.0	2.0	1.1	7.4	-	6.3	0.3	2.8	2.7	2.7	14.8
1981	-	1.3	0.4	2.6	2.4	0.3	7.0	-	3.8	0.6	2.7	2.8	0.6	10.5
1982	a/	1.1	0.5	2.8	1.5	0.3	6.2	-	2.7	1.0	4.5	2.7	1.0	11.9
1983	-	0.2	1.5	1.7	1.0	-	4.5	-	0.7	2.6	2.3	1.3	a/	7.0
1984	-	0.3	a/	0.6	0.6	-	1.6	-	0.7	0.1	0.8	1.0	a/	2.6
1985 <sup>b/</sup>	-	a/	a/	0.1	a/	a/	0.1	-	a/	a/	0.3	a/	a/	0.3
<u>Fort Bragg</u>														
1971-1975 Average	0.1	0.8	2.6	4.6	2.0	0.5	10.6	NA	NA	NA	NA	NA	NA	NA
1976	0.1	0.9	3.9	6.0	2.4	0.7	14.0	NA	NA	NA	NA	NA	NA	NA
1977	0.1	0.9	1.7	4.4	5.0	2.0	13.7	NA	NA	NA	NA	NA	NA	NA
1978	0.1	1.5	4.8	5.1	2.0	1.1	14.5	0.1	2.0	7.2	6.9	2.7	1.1	20.0
1979	-	1.0	0.8	7.1	4.2	1.9	15.0	a/	2.2	2.2	11.3	6.3	3.1	25.1
1980	-	1.6	0.1	6.7	2.3	1.7	12.4	-	2.7	0.1	11.7	4.1	2.4	21.0
1981	-	1.7	2.1	3.6	2.0	1.2	10.6	-	2.9	2.6	4.0	2.8	1.7	14.7
1982	0.1	2.1	1.2	7.0	2.8	1.2	14.5	0.3	2.4	2.3	11.2	3.7	1.7	21.5
1983	-	0.7	1.7	2.2	1.7	0.1	6.3	a/	0.9	2.8	2.3	1.6	0.1	7.6
1984 <sup>b/</sup>	-	0.3	0.7	2.9	0.7	1.2	5.7	-	0.6	0.8	3.8	0.7	2.1	8.0
1985 <sup>b/</sup>	-	1.9	2.0	4.8	3.4	1.1	13.2	-	3.8	2.3	6.3	3.4	1.9	17.7
<u>North Coast</u>														
1971-1975 Average	0.3	2.9	5.8	9.2	3.6	0.8	22.6	NA	NA	NA	NA	NA	NA	NA
1976	0.2	3.4	8.9	12.0	5.6	0.9	31.0	NA	NA	NA	NA	NA	NA	NA
1977	0.7	4.4	4.4	11.7	9.8	2.3	33.3	NA	NA	NA	NA	NA	NA	NA
1978	0.4	5.3	15.9	12.0	4.1	1.6	39.2	0.8	9.8	23.6	13.9	4.9	1.7	54.7
1979	-	3.8	3.4	15.8	9.8	2.6	35.4	a/	8.8	8.8	30.9	21.2	4.7	74.4
1980	-	5.3	0.3	10.4	6.2	3.8	25.9	-	11.0	0.6	16.4	8.9	6.6	43.5
1981	-	5.2	3.2	8.3	6.8	2.3	25.7	-	9.7	3.9	9.0	9.0	3.7	35.9
1982	0.2	4.0	2.2	12.8	7.6	2.1	29.0	0.3	6.4	4.2	19.2	11.2	3.9	45.1
1983	-	1.0	4.4	5.1	3.4	0.1	14.0	a/	2.0	7.5	5.9	3.6	0.1	19.2
1984	-	0.9	0.8	4.3	2.1	1.2	9.3	-	1.8	1.0	5.4	2.8	2.1	13.1
1985 <sup>b/</sup>	-	1.9	2.0	4.8	3.5	1.2	13.4	-	3.8	2.3	6.6	3.4	1.9	18.0

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Table A-1. (continued)

Area of Landing by Year	Deliveries (thousands)							Days Fished (thousands)						
	April	May	June	July	August	September	Season	April	May	June	July	August	September	Season
<u>San Francisco</u>														
1971-1975 Average	1.0	2.6	2.5	2.9	3.3	2.2	14.4	NA	NA	NA	NA	NA	NA	NA
1976	1.1	2.3	2.7	2.7	1.9	1.6	12.3	NA	NA	NA	NA	NA	NA	NA
1977	1.7	2.2	2.6	3.8	2.0	1.8	14.1	NA	NA	NA	NA	NA	NA	NA
1978	0.4	2.3	2.8	2.9	1.5	1.0	10.8	0.7	4.3	6.3	5.7	2.0	1.1	20.1
1979	-	2.2	2.0	4.6	2.4	2.1	13.3	a/	5.1	4.1	5.7	2.7	2.4	20.0
1980	-	3.7	0.3	5.7	1.9	2.1	13.7	-	7.3	0.5	9.9	2.6	2.7	23.0
1981	-	2.3	0.9	5.3	2.6	2.1	13.1	-	4.2	1.5	9.4	4.3	2.6	22.0
1982	0.8	3.3	1.4	4.7	3.6	1.8	15.6	0.9	6.9	3.5	8.5	8.0	3.8	31.6
1983	0.1	1.6	0.6	2.1	1.4	0.8	6.5	0.1	2.8	0.9	3.7	2.0	1.2	10.7
1984	-	0.2	1.2	3.7	3.3	1.3	9.8	0	0.4	2.4	6.2	6.7	3.3	19.0
1985b/	-	3.1	3.3	3.9	2.6	1.7	14.6	-	5.4	6.6	6.5	5.3	4.3	28.1
<u>Monterey</u>														
1971-1975 Average	0.7	1.8	1.9	1.8	1.3	0.6	8.2	NA	NA	NA	NA	NA	NA	NA
1976	2.0	4.4	3.4	2.7	2.7	1.3	16.6	NA	NA	NA	NA	NA	NA	NA
1977	1.7	3.6	3.0	2.7	2.4	0.8	14.1	NA	NA	NA	NA	NA	NA	NA
1978	1.7	4.4	4.3	4.3	1.5	0.6	16.8	2.0	6.0	7.3	5.5	2.0	0.9	23.7
1979	-	3.3	0.9	2.1	1.0	0.3	7.6	-	3.9	1.4	2.8	1.5	0.4	10.0
1980	-	4.3	0.2	3.9	2.2	0.9	11.5	-	5.7	0.3	5.4	3.1	1.4	15.9
1981	-	4.1	0.8	2.7	1.4	0.1	9.0	-	5.2	0.8	3.3	1.6	0.3	11.1
1982	2.4	3.5	1.6	3.4	1.8	0.5	13.1	2.4	4.4	2.0	4.2	2.2	0.7	16.0
1983	0.3	3.7	2.4	3.0	0.2	a/	9.8	0.3	5.0	3.2	4.2	0.4	0.1	13.2
1984	-	2.2	2.5	1.0	0.3	a/	6.1	-	3.3	5.2	1.4	0.4	0.1	10.4
1985b/	-	2.3	1.4	0.5	0.1	a/	4.4	-	3.5	2.9	0.7	0.1	a/	7.2
<u>South Coast</u>														
1971-1975 Average	1.7	4.4	4.4	4.7	4.6	2.8	22.6	NA	NA	NA	NA	NA	NA	NA
1976	3.2	6.7	6.1	5.4	4.6	2.9	28.9	NA	NA	NA	NA	NA	NA	NA
1977	3.5	5.7	5.7	6.5	4.4	2.5	28.3	NA	NA	NA	NA	NA	NA	NA
1978	2.1	6.7	7.1	7.2	3.0	1.6	27.6	2.7	10.3	13.6	11.2	4.0	2.0	43.8
1979	-	5.5	2.9	6.7	3.4	2.4	20.9	a/	9.0	5.5	8.5	4.2	2.8	30.0
1980	-	8.0	0.5	9.7	4.1	3.0	25.2	-	13.0	0.8	15.3	5.7	4.1	38.9
1981	-	6.3	1.7	8.0	3.9	2.2	22.1	-	9.4	2.3	12.7	5.9	2.9	33.1
1982	3.1	6.8	3.0	8.1	5.5	2.3	28.7	3.3	11.3	5.5	12.7	10.2	4.5	47.6
1983	0.3	5.4	3.0	5.1	1.6	0.8	16.3	0.4	7.8	4.1	7.9	2.4	1.3	23.9
1984	-	2.4	3.7	4.7	3.6	1.3	15.7	-	3.7	7.6	7.6	7.1	3.4	29.4
1985b/	-	5.4	4.7	4.4	2.7	1.7	19.0	-	8.9	9.5	7.2	5.4	4.3	35.3
<u>Statewide</u>														
1971-1975 Average	2.0	7.3	10.2	13.9	8.2	3.6	45.2	NA	NA	NA	NA	NA	NA	NA
1976	3.4	10.1	15.1	17.4	10.2	3.8	60.0	NA	NA	NA	NA	NA	NA	NA
1977	4.2	10.1	10.1	18.2	14.1	4.8	61.5	NA	NA	NA	NA	NA	NA	NA
1978	2.5	12.0	23.0	19.2	7.1	3.2	66.9	3.5	20.1	37.2	25.1	8.9	3.7	98.5
1979	-	9.3	6.3	22.5	13.2	5.0	56.3	a/	17.8	14.3	39.4	25.4	7.5	104.4
1980	-	13.3	0.7	20.1	10.3	6.8	51.1	-	24.0	1.4	31.7	14.6	10.7	82.4
1981	-	11.5	4.7	16.3	10.8	4.4	47.8	-	19.1	6.2	21.7	14.9	6.6	69.0
1982	3.3	10.8	5.2	20.7	13.1	4.3	57.7	3.6	17.7	9.7	31.9	21.4	8.4	92.6
1983	0.3	6.5	7.4	10.3	5.0	0.9	30.4	0.4	9.8	11.6	13.8	6.0	1.4	43.1
1984	-	3.3	4.5	8.9	5.8	2.5	25.0	-	5.5	8.6	13.0	9.9	5.5	42.5
1985b/	-	7.3	6.7	9.2	6.2	2.9	32.4	-	12.7	11.8	13.8	8.8	6.2	53.3

a/ Less than 50.

b/ Preliminary.

Table A-2. California troll chinook and coho landings in numbers of fish by area of landing and month for 1976-1985, with 1971-1975 averages.

Area of Landings by Year	CHINOOK (thousands of fish)						COHO (thousands of fish)					
	April	May	June	July	August	September	Season	May	June	July	August	September
<b>Crescent City</b>												
1971-1975 Average	0.2	9.2	14.8	9.8	1.2	0.5	35.7	10.2	39.7	32.1	1.7	0.3
1976	0.1	4.1	9.9	3.0	3.4	0.5	21.0	25.0	77.3	26.5	3.7	0.6
1977	0.6	12.6	5.8	9.0	7.1	1.2	36.3	2.7	4.6	8.5	2.8	a/
1978	1.1	25.5	28.3	2.4	1.6	0.7	59.6	14.0	87.1	12.2	2.6	0.5
1979	-	11.5	32.2	15.3	1.8	71.8	7.6	17.5	46.0	4.8	0.2	76.2
1980	-	15.7	1.2	4.8	31.2	13.6	32.6	0.6	0.1	9.0	3.5	3.1
1981	-	27.9	2.7	6.6	31.2	18.8	81.8	10.8	3.1	5.6	14.1	1.8
1982	-	9.7	8.1	33.0	3.7	73.6	0.1	3.8	15.0	6.7	0.9	35.4
1983	0.3	-	2.6	15.9	4.1	2.1	-	24.7	0	8.7	5.6	-
1984	-	-	2.9	0.8	5.9	4.9	0	14.4	-	-	1.6	16.0
1985b/	-	-	-	0.2	0.8	0.1	1.1	-	-	-	2.5	-
<b>Eureka</b>												
1971-1975 Average	3.6	56.8	46.2	32.1	2.8	0.6	142.1	57.3	40.3	30.3	5.4	0.6
1976	2.6	54.0	41.0	65.9	1.0	1.0	165.4	105.2	83.4	9.2	7.0	0
1977	22.1	56.2	32.4	40.8	9.0	0.6	161.2	7.9	0.6	4.8	5.8	0.1
1978	7.7	88.4	46.9	10.3	1.3	0.5	155.2	34.5	84.9	18.8	1.7	0.4
1979	-	101.4	22.6	35.6	42.9	15.9	218.4	6.7	29.7	23.5	6.0	0.1
1980	-	86.2	3.3	20.3	10.8	10.7	131.3	0.2	12.1	5.1	2.4	19.8
1981	-	49.2	4.1	10.8	28.3	7.2	99.7	2.4	12.3	13.9	1.0	35.9
1982	0.3	39.6	9.4	24.3	16.0	6.4	96.0	0.5	4.3	19.0	4.5	0.3
1983	-	9.3	16.4	5.8	3.7	-	35.2	a/	13.5	8.0	5.0	-
1984	-	6.2	0.3	4.7	2.8	0.4	14.0	0	0.7	3.0	3.7	26.6
1985b/	-	a/	0.4	2.3	0.7	0.3	3.7	a/	a/	0.3	a/	0.4
<b>Fort Bragg</b>												
1971-1975 Average	1.9	17.6	41.9	46.2	11.0	2.2	120.8	11.7	40.3	35.5	12.2	0.6
1976	1.8	13.9	31.8	54.0	9.9	4.2	151.7	21.4	101.4	29.6	6.8	0
1977	2.9	28.4	10.3	33.7	40.3	14.3	138.9	0.9	3.5	0.8	0.8	a/
1978	1.9	31.0	45.6	34.6	12.3	6.4	131.9	2.7	31.8	13.0	1.4	0.2
1979	a/	30.4	7.8	80.2	57.6	26.5	202.5	0.8	3.4	20.8	4.1	0.2
1980	-	18.2	2.0	82.6	14.1	13.5	130.4	0.2	a/	8.2	2.3	0.6
1981	-	22.5	31.7	36.7	19.1	6.7	116.6	0.7	2.4	5.7	1.8	0.2
1982	7.1	25.0	19.1	100.0	17.8	8.0	177.2	0.1	2.5	22.2	2.4	0.3
1983	-	8.2	21.8	18.1	7.6	0.1	55.9	a/	6.1	4.6	2.4	a/
1984	-	4.4	3.6	24.3	4.1	13.3	49.8	0	0.3	10.9	0.6	0.3
1985b/	-	17.3	29.0	63.4	34.6	5.2	149.6	a/	2.2	5.6	1.2	0.1
<b>North Coast</b>												
1971-1975 Average	5.6	83.6	102.9	88.2	15.0	3.3	298.6	79.3	120.3	98.0	19.2	1.5
1976	4.5	72.0	82.7	122.9	14.3	5.7	302.1	151.6	262.2	65.2	17.6	0.6
1977	25.6	97.2	57.6	83.4	56.4	16.1	336.3	11.6	8.7	14.2	9.5	0.2
1978	10.7	144.9	120.8	47.3	15.2	7.6	346.7	51.2	203.8	44.0	5.7	1.1
1979	a/	143.2	41.4	148.0	115.8	44.2	492.6	15.1	50.6	90.4	14.8	0.6
1980	-	120.2	6.2	107.7	30.2	29.7	294.3	1.0	2.2	29.3	11.0	6.0
1981	-	99.5	38.5	54.1	78.6	27.3	298.2	17.8	7.9	23.6	29.8	3.0
1982	7.7	74.3	36.6	66.8	18.1	346.7	0.7	10.6	56.2	13.5	1.6	82.6
1983	-	20.1	54.1	28.1	13.3	0.1	115.7	a/	28.4	18.3	9.0	55.7
1984	-	13.5	34.9	11.8	13.3	1.1	11.7	0	0.3	11.6	6.0	6.0
1985b/	-	29.4	65.9	36.0	5.6	5.2	154.3	a/	2.2	6.2	1.2	9.7

A-3

Table A-2. (continued)

Area of Landings by Year	CHINOOK (thousands of fish)							COHO (thousands of fish)						
	April	May	June	July	August	September	Season	May	June	July	August	September	Season	
<u>San Francisco</u>														
1971-1975 Average	24.2	43.8	32.5	33.2	36.2	18.2	188.2	5.4	12.8	12.0	4.9	0.5	35.5	
1976	28.9	42.2	31.4	17.0	8.2	10.4	138.2	24.8	44.6	9.7	3.0	1.1	83.2	
1977	41.6	47.7	28.0	46.0	13.5	8.4	185.2	0.1	0.3	0.3	a/	a/	0.8	
1978	10.2	50.9	46.3	31.0	11.5	8.2	158.2	0.9	3.9	1.7	0.2	0.1	6.8	
1979	a/	52.4	42.7	57.3	15.1	12.5	180.0	0.3	3.6	4.6	2.3	0.2	11.1	
1980	-	69.0	6.3	115.5	12.3	8.6	211.8	0.2	a/	1.5	0.2	0.1	1.9	
1981	-	49.5	15.9	96.1	26.9	11.5	199.9	0.2	0.1	0.8	0.5	a/	1.6	
1982	22.9	86.0	27.9	74.3	58.2	12.4	281.8	0.9	2.2	3.9	1.4	0.2	8.6	
1983	0.8	30.1	5.4	25.3	10.0	3.5	75.0	0.2	0.4	1.9	0.3	0.1	2.9	
1984	-	2.6	26.4	71.5	58.6	8.5	167.7	0	7.4	16.7	0.2	a/	24.4	
1985 <sup>b/</sup>	-	52.1	50.3	34.3	22.4	11.4	170.4	-	0.7	0.3	0.1	a/	1.1	
<u>Monterey</u>														
1971-1975 Average	8.9	20.8	18.6	13.8	9.6	4.1	75.9	4.0	2.9	0.6	0.2	a/	7.8	
1976	23.3	30.1	18.2	9.5	14.3	4.3	99.6	16.8	16.9	7.7	a/	0	41.4	
1977	15.4	24.7	16.0	11.1	8.3	3.2	78.7	a/	0.1	0.1	a/	-	0.2	
1978	10.6	36.1	51.0	23.4	7.2	4.5	132.8	0.5	2.0	0.6	0.1	0.1	3.2	
1979	-	24.5	10.5	12.3	4.8	1.9	54.1	0.4	1.0	0.4	0.1	a/	1.9	
1980	-	26.5	5.8	34.2	12.4	3.6	82.5	a/	a/	0.1	0.2	a/	0.4	
1981	-	53.9	4.7	25.0	5.6	0.8	90.0	a/	a/	a/	0.1	a/	0.2	
1982	29.2	40.9	19.7	29.9	14.3	2.7	136.7	0.3	0.1	0.1	0.1	a/	0.7	
1983	1.4	43.2	24.6	30.3	3.5	0.2	103.2	0.2	0.8	0.2	a/	a/	1.3	
1984	-	16.7	26.4	6.9	3.7	0.2	54.0	0	3.5	0.9	0.1	0	4.4	
1985 <sup>b/</sup>	-	19.7	9.0	4.6	0.8	1.4	35.6	-	0.1	0.1	a/	a/	0.2	
<u>South Coast</u>														
1971-1975 Average	33.2	64.7	51.1	47.0	45.8	22.3	264.0	9.4	15.7	12.5	5.1	0.5	43.3	
1976	52.2	72.3	49.7	26.5	22.5	14.7	237.9	41.6	61.4	17.5	3.0	1.1	124.6	
1977	57.0	72.3	44.0	57.1	21.8	11.6	263.8	0.1	0.4	0.4	0.1	a/	1.0	
1978	20.8	87.0	97.3	54.4	18.7	12.7	291.0	1.4	5.9	2.3	0.3	0.2	10.0	
1979	a/	76.9	53.3	69.7	19.9	14.4	234.1	0.7	4.6	5.0	2.4	0.2	13.0	
1980	-	95.5	12.1	149.7	27.4	12.3	294.3	0.2	a/	1.6	0.4	0.1	2.3	
1981	-	103.4	20.6	121.1	32.6	12.3	289.9	0.2	0.1	0.8	0.6	a/	1.8	
1982	52.1	126.9	47.6	104.2	72.6	15.1	418.4	1.1	2.3	4.1	1.5	0.2	9.3	
1983	2.2	73.3	30.0	55.6	13.5	3.7	178.2	0.4	1.2	2.1	0.3	0.1	4.2	
1984	-	19.3	52.9	78.4	62.3	8.7	221.7	0	11.0	17.5	0.3	a/	28.8	
1985 <sup>b/</sup>	-	71.8	59.3	38.9	23.2	12.8	205.9	-	0.8	0.4	0.1	a/	1.4	
<u>Total</u>														
1971-1975 Average	38.8	148.2	154.0	135.1	60.9	25.6	562.7	88.7	136.0	110.5	24.4	2.0	361.6	
1976	56.7	144.3	132.4	149.4	36.8	20.4	539.9	193.2	323.6	82.7	20.6	1.7	621.8	
1977	82.6	169.5	101.5	140.5	78.2	27.7	600.2	11.7	9.1	14.6	9.5	0.2	45.2	
1978	31.5	231.9	218.1	101.7	33.9	20.3	637.7	52.6	209.7	46.3	6.0	1.3	315.8	
1979	a/	220.1	94.7	217.7	135.7	58.6	726.8	15.8	55.2	95.4	17.2	0.8	184.4	
1980	-	215.7	18.6	257.4	55.0	42.0	588.7	1.2	0.2	30.9	11.4	6.2	49.8	
1981	-	202.9	59.1	175.2	111.2	39.6	588.1	18.0	8.1	24.4	30.4	3.1	83.9	
1982	59.8	201.2	84.2	247.4	139.4	33.1	765.2	1.8	12.9	60.3	15.0	1.8	91.9	
1983	2.2	93.5	84.1	83.6	26.8	3.8	294.0	0.4	29.6	20.4	9.3	0.1	59.9	
1984	-	32.9	57.5	113.3	74.1	22.0	299.8	0	11.2	29.2	6.3	0.3	47.0	
1985 <sup>b/</sup>	-	79.5	88.7	104.7	59.2	18.5	360.3	-	3.0	6.6	1.3	0.1	11.1	

a/ Less than 50.  
b/ Preliminary.

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Port of Landing	Crescent City										Season
	January	February	March	April	May	June	July	August	September	October	
Days Fished (thousands)											With 1971-1975 averages.

Table A-3. California ocean recreation chinook and coho effort in days fished by port of landing and month for 1976-1985, with 1971-1975 averages.

Year	Eureka										Season
	January	February	March	April	May	June	July	August	September	October	
Days Fished (thousands)											With 1971-1975 averages.
1976	0	0	0	0.4	7.9	19.0	11.3	1.6	0	0	14.4
1977	0	0	0	0.1	9.9	13.7	6.3	0.5	0	0	30.5
1978	0	0	0	0.1	9.4	11.4	8.3	2.8	0	0	22.8
1979	0	0	0	0.2	8.2	11.1	8.1	0	0	0	29.8
1980	0	0	0	0.2	7.0	9.4	3.1	0	0	0	19.5
1981b/	0	0	0	0.2	1.7	5.0	3.1	0	0	0	14.2
1982b/	0	0	0	0.2	1.4	4.7	2.5	0	0	0	14.2
1983b/	0	0	0	0.2	1.1	3.7	2.1	0	0	0	14.2
1984b/	0	0	0	0.2	0.9	2.6	1.6	0	0	0	14.2
1985b/	0	0	0	0.2	0.7	1.6	1.3	0	0	0	14.2
Days Fished (thousands)											With 1971-1975 averages.
Year	Fort Bragg										Season
	January	February	March	April	May	June	July	August	September	October	
1976	0	0	0.3	3.8	10.9	5.2	0.6	0	0	0	20.8
1977	0	0	0.3	3.8	10.9	5.2	0.6	0	0	0	20.8
1978	0	0	0.3	3.8	10.9	5.2	0.6	0	0	0	20.8
1979	0	0	0.3	3.8	10.9	5.2	0.6	0	0	0	20.8
1980	0	0	0.3	3.8	10.9	5.2	0.6	0	0	0	20.8
1981b/	0	0	0	0.3	3.8	10.9	5.2	0.6	0	0	20.8
1982b/	0	0	0	0.3	3.8	10.9	5.2	0.6	0	0	20.8
1983b/	0	0	0	0.3	3.8	10.9	5.2	0.6	0	0	20.8
1984b/	0	0	0	0.3	3.8	10.9	5.2	0.6	0	0	20.8
1985b/	0	0	0	0.3	3.8	10.9	5.2	0.6	0	0	20.8
Days Fished (thousands)											With 1971-1975 averages.
Year	North Coast										Season
	January	February	March	April	May	June	July	August	September	October	
1976	0	0	0.7	13.8	36.5	21.5	2.9	0	0	0	75.4
1977	0	0	0.5	17.9	36.9	23.9	3.3	0	0	0	77.5
1978	0	0	0.5	17.9	36.9	23.9	3.3	0	0	0	65.0
1979	0	0	0.5	17.9	36.9	23.9	3.3	0	0	0	52.0
1980	0	0	0.5	17.9	36.9	23.9	3.3	0	0	0	46.5
1981b/	0	0	0.5	17.9	36.9	23.9	3.3	0	0	0	45.1
1982b/	0	0	0.5	17.9	36.9	23.9	3.3	0	0	0	53.7
1983b/	0	0	0.5	17.9	36.9	23.9	3.3	0	0	0	49.5
1984b/	0	0	0.5	17.9	36.9	23.9	3.3	0	0	0	45.0
1985b/	0	0	0.5	17.9	36.9	23.9	3.3	0	0	0	77.7

Table A-3. (continued)

Port of Landing by Year	Days Fished (thousands)										
	February	March	April	May	June	July	August	September	October	November	Season
<u>San Francisco</u>											
1971-1975 Average	11.9	15.1	15.8	11.4	13.9	16.7	21.9	14.0	10.0	2.5	133.2
1976	6.2	4.5	6.5	12.9	10.9	13.1	17.1	9.9	12.4	3.3	96.8
1977	7.4	7.7	11.2	10.6	9.2	17.4	15.3	15.1	10.4	3.0	107.3
1978	17.9	11.5	2.1	1.9	4.8	15.0	13.0	16.0	8.1	5.8	96.1
1979	6.5	12.6	7.7	8.0	15.4	16.5	18.8	13.4	5.4	0	104.3
1980	2.6	15.2	8.7	9.6	11.8	14.5	11.8	9.0	3.0	0	86.2
1981 <sup>b/</sup>	4.8	4.3	7.7	8.5	8.7	12.8	14.1	8.4	5.9	2.1	77.3
1982 <sup>b/</sup>	6.4	12.3	6.9	8.5	9.1	19.3	19.8	12.8	10.5	3.4	109.0
1983 <sup>b/</sup>	2.0	3.3	3.6	6.6	8.2	9.7	9.9	6.6	5.2	0.7	55.8
1984 <sup>b/</sup>	1.9	1.6	2.8	5.6	10.1	13.8	13.6	10.7	4.3	1.5	65.9
1985 <sup>b/</sup>	5.9	10.4	9.1	8.4	14.4	13.8	15.4	9.8	4.2	1.9	93.3
<u>Monterey</u>											
1971-1975 Average	3.8	4.7	2.3	4.4	4.7	4.5	2.0	1.4	3.3	2.5	33.6
1976	1.2	0.7	0.7	1.8	0.8	1.8	0.3	0.2	0.3	0.1	7.9
1977	2.5	2.0	2.4	1.1	0.5	0.7	0.5	0.2	0	0	9.9
1978	1.5	2.3	1.0	0.4	1.1	0.9	0.2	0.3	0.2	0.1	8.0
1979	2.9	2.4	5.2	0.7	0.1	0.7	0.5	0.2	0.1	0	12.8
1980	0.9	2.3	1.3	0.3	2.2	1.6	0.9	0.1	0	0	9.6
1981 <sup>b/</sup>	0	0.8	1.8	0.3	0.3	1.3	0.6	0.1	0.1	0.3	5.6
1982 <sup>b/</sup>	0.7	0.8	1.5	1.5	0.4	1.3	0.9	0.6	0	0	7.7
1983 <sup>b/</sup>	0	0	1.0	2.0	1.3	1.4	0.6	0	0	0	6.3
1984 <sup>b/</sup>	0.2	0.5	2.6	2.8	2.5	3.4	0.7	a/	0	0	12.7
1985 <sup>b/</sup>	2.7	5.3	1.8	1.0	1.2	1.4	1.2	a/	0	0	14.6
<u>South Coast</u>											
1971-1975 Average	15.7	19.8	18.1	15.8	18.6	21.2	23.9	15.4	13.3	5.0	166.8
1976	7.4	5.2	7.2	14.7	11.7	14.9	17.4	10.1	12.7	3.4	104.7
1977	9.9	9.7	13.6	11.7	9.7	18.1	15.8	15.3	10.4	3.0	117.2
1978	19.4	13.8	3.1	2.3	5.9	15.9	13.2	16.3	8.3	5.9	104.1
1979	9.4	15.0	12.9	8.7	15.5	17.2	19.3	13.6	5.5	0	117.1
1980	3.5	17.5	10.0	9.9	14.0	16.1	12.7	9.1	3.0	0	95.8
1981 <sup>b/</sup>	4.8	5.1	9.5	8.8	9.0	14.1	14.7	8.5	6.0	2.4	82.9
1982 <sup>b/</sup>	7.1	13.1	8.4	10.0	9.5	20.6	20.7	13.4	10.5	3.4	116.7
1983 <sup>b/</sup>	2.0	3.3	4.6	8.6	9.5	11.1	10.5	6.6	5.2	0.7	62.1
1984 <sup>b/</sup>	2.1	2.1	5.4	8.4	12.6	17.2	14.3	10.7	4.3	1.5	78.6
1985 <sup>b/</sup>	8.5	15.6	11.0	9.4	15.7	15.2	16.6	9.8	4.2	1.9	107.9
<u>Statewide Total</u>											
1971-1975 Average	15.7	19.8	18.1	16.5	32.4	57.7	45.4	18.3	13.3	5.0	242.2
1976	7.4	5.2	7.2	15.2	29.6	51.8	36.3	13.4	12.7	3.4	182.2
1977	9.9	9.7	13.6	13.4	15.6	48.3	39.7	18.6	10.4	3.0	182.2
1978	19.4	13.8	3.1	2.3	20.2	43.2	23.6	16.3	8.3	5.9	156.1
1979	9.4	15.0	12.9	8.7	23.4	39.2	33.9	15.6	5.5	0	163.6
1980	3.5	17.5	10.0	9.9	23.5	47.0	22.3	11.7	3.0	0	148.4
1981 <sup>b/</sup>	4.8	5.1	9.5	8.8	16.6	34.3	31.2	9.3	6.0	2.4	128.0
1982 <sup>b/</sup>	7.2	13.1	8.4	10.0	22.6	44.7	36.7	14.3	10.5	3.4	170.4
1983 <sup>b/</sup>	2.0	3.3	4.6	8.6	21.4	36.4	21.2	8.2	5.2	0.7	111.6
1984 <sup>b/</sup>	2.1	2.1	5.4	8.4	14.3	47.2	27.0	11.3	4.3	1.5	123.6
1985 <sup>b/</sup>	8.5	15.6	11.0	17.5	33.2	51.0	30.8	11.9	4.2	1.9	185.6

a/ Less than 50.

b/ Preliminary.

Table A-4. California ocean recreational chinook landings in numbers of fish by port of landing and month for 1976-1985, with 1971-1975 averages.

Port of Landing by Year	Chinook (thousands)										
	February	March	April	May	June	July	August	September	October	November	Season
<u>Crescent City</u>											
1971-1975 Average	0	a/	0	a/	0.4	1.0	0.7	a/	0	0	2.2
1976	0	0	0	0	0	1.2	1.6	0.3	0	0	3.0
1977	0	0	0	0	0.3	5.0	2.1	0	0	0	7.4
1978	0	0	0	0	0.4	0.7	0.9	0	0	0	2.0
1979	0	0	0	0	0.4	1.4	2.6	0	0	0	4.4
1980	0	0	0	0	1.1	0.8	0.7	0.1	0	0	2.7
1981	0	0	0	0	0.6	1.2	2.2	0	0	0	4.0
1982	0	0	0	0	0.6	2.3	3.2	0.1	0	0	6.2
1983	0	0	0	0	1.3	1.4	0.6	0.1	0	0	3.4
1984	0	0	0	0	a/	1.8	1.6	a/	0	0	3.5
1985	0	0	0	2.1	4.4	9.2	1.9	0.1	0	0	17.8
<u>Eureka</u>											
1971-1975 Average	0	a/	a/	0.1	2.6	5.0	1.9	0.3	a/	0	9.9
1976	0	0	0	a/	3.7	2.5	0.8	0.1	0	0	7.1
1977	0	0	0	0.8	0.3	10.1	2.0	0.1	0	0	13.3
1978	0	0	0	0	0.7	1.1	0.5	0	0	0	2.3
1979	0	0	0	0	0.7	2.0	0.9	0	0	0	3.6
1980	0	0	0	0	0.8	2.6	0.6	0.1	0	0	4.0
1981	0	0	0	0	0.3	2.5	1.7	0	0	0	4.4
1982	0	0	0	0	3.8	2.8	0.5	a/	0	0	7.1
1983	0	0	0	0	2.1	3.2	0.5	a/	0	0	5.8
1984	0	0	0	0	0.1	3.8	0.6	0.1	0	0	4.6
1985	0	0	0	5.9	4.9	12.8	2.3	0.1	0	0	26.0
<u>Fort Bragg</u>											
1971-1975 Average	0	a/	a/	0.1	0.7	2.1	0.8	a/	a/	0	3.7
1976	0	0	0	a/	0.3	1.5	0.5	a/	a/	0	2.3
1977	0	0	0	0	a/	2.2	3.7	0.4	0	0	6.3
1978	0	0	0	0	0.5	1.4	0.5	0	0	0	2.4
1979	0	0	0	0	0.3	4.1	1.3	0.1	0	0	5.8
1980	0	0	0	0	0.3	0.7	0.1	a/	0	0	1.2
1981	0	0	0	0	0.1	1.0	0.3	0	0	0	1.4
1982	0	0	0	0	0.7	1.3	0.7	0	0	0	2.8
1983	0	0	0	0	0.6	0.9	0.2	0	0	0	1.7
1984	0	0	0	0	0.3	0.6	0.1	a/	0	0	1.0
1985	0	0	0	0	1.0	4.2	0.2	0	0	0	5.4
<u>North Coast</u>											
1971-1975 Average	0	a/	a/	0.2	3.7	8.2	3.3	0.4	a/	0	15.8
1976	0	0	0	a/	4.0	5.1	2.9	0.4	a/	0	12.4
1977	0	0	0	0.8	0.7	17.3	7.8	0.5	0	0	27.0
1978	0	0	0	0	1.6	3.2	1.9	0	0	0	6.7
1979	0	0	0	0	1.4	7.5	4.7	0.1	0	0	13.8
1980	0	0	0	0	2.2	4.2	1.4	0.2	0	0	7.9
1981	0	0	0	0	1.0	4.7	4.2	0	0	0	9.8
1982	0	0	0	0	5.1	6.4	4.4	0.2	0	0	16.0
1983	0	0	0	0	4.0	5.5	1.4	0.1	0	0	11.0
1984	0	0	0	0	0.4	6.3	2.3	0.1	0	0	9.1
1985	0	0	0	8.0	10.2	26.2	4.5	0.2	0	0	49.1

Table A-4. (continued)

Port of Landing by Year	Chinook (thousands)										
	February	March	April	May	June	July	August	September	October	November	Season
<u>San Francisco</u>											
1971-1975 Average	16.0	24.6	15.1	9.2	11.7	20.5	21.2	12.1	7.6	2.8	140.9
1976	2.3	0.9	6.0	12.0	9.2	5.6	9.5	5.2	10.5	2.5	63.8
1977	3.7	4.4	14.2	3.5	8.6	17.8	6.9	7.9	4.0	1.5	72.6
1978	9.6	8.3	2.8	2.6	6.8	11.6	7.1	4.9	7.6	2.6	64.1
1979	6.8	13.8	8.5	5.1	14.7	22.3	11.1	13.3	6.9	0	102.5
1980	4.2	11.5	5.5	5.5	15.1	14.7	7.4	5.1	4.0	0	73.1
1981	2.5	2.2	5.4	5.5	10.2	16.5	12.0	8.3	5.0	1.7	69.4
1982	10.2	12.2	3.3	7.3	7.5	20.3	28.5	15.4	15.7	4.2	124.4
1983	2.7	3.0	3.8	10.3	7.9	9.6	6.8	4.3	1.6	0.1	50.0
1984	0.3	0.7	2.9	5.8	17.2	19.0	15.7	9.1	1.8	1.5	74.1
1985	10.1	11.6	9.6	8.5	15.6	15.6	18.8	8.9	3.3	2.0	104.1
<u>Monterey</u>											
1971-1975 Average	1.3	1.8	1.5	1.1	1.9	2.1	0.9	0.5	1.2	0.6	12.9
1976	0.4	0.3	0.6	1.0	1.0	1.1	0.2	a/	0.1	a/	4.8
1977	0.4	1.1	1.3	0.7	0.1	0.1	0.1	0.1	a/	a/	4.0
1978	0	0	0.3	0.1	0.6	0.2	a/	0	0	0	1.2
1979	1.0	1.4	3.1	0.1	a/	0.2	0.1	a/	0	0	5.9
1980	0.5	0.5	0.6	0.1	0.9	0.5	a/	a/	0	0	3.1
1981	0	0.4	1.7	0.1	a/	0.5	0.2	0	a/	0.2	3.1
1982	0.7	0.6	1.3	0.2	0.1	0.5	0.4	0.1	0	0	3.9
1983	0	0	0.4	1.0	0.4	0.4	a/	0	0	0	2.2
1984	a/	0.1	2.7	0.6	0.7	1.1	0.2	0	0	0	5.4
1985	1.3	4.1	0.9	0.1	0.3	0.4	0.3	a/	0	0	7.4
<u>South Coast</u>											
1971-1975 Average	17.2	26.4	16.6	10.4	13.6	22.7	22.1	12.6	8.8	3.5	153.8
1976	2.7	1.2	6.6	13.0	10.1	6.7	9.7	5.3	10.6	2.6	68.6
1977	4.1	5.5	15.5	4.3	8.8	17.9	7.0	7.9	4.1	1.5	76.6
1978	9.6	8.3	3.1	2.7	7.3	11.8	7.1	4.9	7.6	2.6	65.3
1979	7.9	15.2	11.6	5.2	14.8	22.4	11.2	13.3	6.9	0	108.4
1980	4.7	12.0	6.1	5.6	16.0	15.2	7.4	5.2	4.0	0	76.2
1981	2.5	2.5	7.0	5.6	10.2	17.0	12.2	8.3	5.1	1.9	72.5
1982	10.9	12.8	4.6	7.5	7.6	20.8	28.9	15.5	15.7	4.2	128.3
1983	2.7	3.0	4.2	11.4	8.3	10.0	6.8	4.3	1.6	0.1	52.3
1984	0.3	0.8	5.6	6.4	17.9	20.1	15.9	9.1	1.8	1.5	79.5
1985	11.4	15.8	10.5	8.5	15.8	13.0	19.1	8.9	3.3	2.0	111.4
<u>Statewide</u>											
1971-1975 Average	17.2	26.4	16.7	10.6	17.3	30.8	25.4	13.0	8.8	3.5	169.6
1976	2.7	1.2	6.6	13.0	14.1	11.8	12.6	5.7	10.6	2.6	81.0
1977	4.1	5.5	15.5	5.0	9.4	35.2	14.8	8.4	4.1	1.5	103.6
1978	9.6	8.3	3.1	2.7	8.9	15.0	9.0	4.9	7.6	2.6	72.0
1979	7.9	15.2	11.6	5.2	16.2	29.9	15.9	13.4	6.9	0	122.2
1980	4.7	12.0	6.1	5.6	18.2	19.4	8.8	5.4	4.0	0	84.1
1981	2.5	2.5	7.0	5.6	11.2	21.7	16.4	8.3	5.1	1.9	82.3
1982	10.9	12.8	4.6	7.5	12.7	27.1	33.3	15.6	15.7	4.2	144.3
1983	2.7	3.0	4.2	11.4	12.3	15.5	8.2	4.5	1.6	0.1	63.2
1984	0.3	0.8	5.6	6.4	18.3	26.3	18.3	9.2	1.8	1.5	88.6
1985	11.4	15.8	10.5	16.5	26.0	42.2	23.6	9.2	3.3	2.0	160.6

a/ Less than 50.

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Table A-5. California ocean recreational coho landings in numbers of fish by port of landing and month for 1976-1985, with 1971-1975 averages.

Port of Landing by Year	Coho (thousands)										
	February	March	April	May	June	July	August	September	October	November	Season
<u>Crescent City</u>											
1971-1975 Average	0	a/	0	a/	0.5	4.8	1.4	0.1	0	0	6.9
1976	0	0	0	a/	3.0	9.5	3.7	0.6	0	0	16.9
1977	0	0	0	0	a/	4.1	1.1	a/	0	0	5.3
1978	0	0	0	0	9.1	8.6	1.4	0	0	0	19.1
1979	0	0	0	0	0.7	2.6	1.4	0	0	0	4.7
1980	0	0	0	0	1.2	4.9	1.1	0.1	0	0	7.2
1981	0	0	0	0	0.3	1.2	1.3	0	0	0	2.8
1982	0	0	0	0	2.3	4.6	1.7	0.1	0	0	8.7
1983	0	0	0	0	3.2	5.1	1.5	0.1	0	0	9.8
1984	0	0	0	0	a/	7.0	1.5	a/	0	0	8.6
1985 <sup>b/</sup>	0	0	0	0.1	0.2	4.0	2.2	0.2	0	0	6.8
<u>Eureka</u>											
1971-1975 Average	0	a/	a/	0.1	4.0	13.5	4.1	0.5	a/	a/	22.2
1976	0	0	0	0.2	8.5	7.6	3.3	0.2	0	0	19.8
1977	0	0	0	0.3	a/	3.5	2.0	0.1	0	0	5.9
1978	0	0	0	0	7.9	9.7	1.4	a/	0	0	18.9
1979	0	0	0	0	2.1	5.3	1.2	0	0	0	8.5
1980	0	0	0	0	2.2	9.3	0.7	a/	0	0	12.3
1981	0	0	0	0	0.4	3.1	1.9	a/	0	0	5.5
1982	0	0	0	0	6.4	6.6	1.3	a/	0	0	14.4
1983	0	0	0	0	5.9	7.2	2.2	0.2	0	0	15.6
1984	0	0	0	0	a/	7.9	1.0	a/	0	0	9.0
1985 <sup>b/</sup>	0	0	0	0.8	0.1	4.2	2.0	0.4	0	0	7.5
<u>Fort Bragg</u>											
1971-1975 Average	0	a/	a/	0.2	1.2	5.2	2.3	0.2	0	0	9.0
1976	0	0	0	0.2	1.5	4.1	1.4	a/	a/	0	7.3
1977	0	0	0	0	0	0.2	0.2	0.4	0	0	0.7
1978	0	0	0	0	1.0	0.8	0.1	0	0	0	1.9
1979	0	0	0	0	0.4	0.5	0.1	a/	0	0	1.1
1980	0	0	0	0	0.3	0.8	a/	0	0	0	1.2
1981	0	0	0	0	0	0.3	0.2	0	0	0	0.5
1982	0	0	0	0	0.2	0.5	0.2	a/	0	0	0.9
1983	0	0	0	0	0.3	1.2	0.2	0	0	0	1.7
1984	0	0	0	0	0.1	0.5	0.1	0	0	0	0.7
1985 <sup>b/</sup>	0	0	0	0	0.4	0.3	a/	0	0	0	0.7
<u>North Coast</u>											
1971-1975 Average	0	a/	a/	0.2	5.7	23.5	7.8	0.7	a/	a/	38.1
1976	0	0	0	0.4	13.1	21.2	8.5	0.8	a/	0	44.0
1977	0	0	0	0.3	a/	7.8	3.3	0.5	0	0	11.9
1978	0	0	0	0	17.9	19.1	2.9	0	0	0	39.9
1979	0	0	0	0	3.1	8.4	2.7	a/	0	0	14.3
1980	0	0	0	0	3.7	15.0	1.9	0.1	0	0	20.7
1981	0	0	0	0	0.7	4.6	3.5	a/	0	0	8.9
1982	0	0	0	0	8.9	11.8	3.2	0.1	0	0	24.1
1983	0	0	0	0	9.4	13.5	3.9	0.3	0	0	27.1
1984	0	0	0	0	0.2	15.4	2.6	0.1	0	0	18.3
1985 <sup>b/</sup>	0	0	0	0.8	0.8	8.5	4.3	0.6	0	0	15.0

Table A-5. (continued)

Port of Landing by Year	Coho (thousands)										
	February	March	April	May	June	July	August	September	October	November	Season
<u>San Francisco</u>											
1971-1975 Average	a/	0.1	1.2	3.1	2.4	1.2	0.7	0.1	a/	a/	8.7
1976	0	0	0.8	5.6	3.0	3.0	0.7	0.2	0	0	13.3
1977	a/	0	0.3	0.9	0.6	0.3	0.1	a/	0.1	a/	2.3
1978	0	0	0	0	0.3	0.6	0.1	a/	0	0	1.1
1979	a/	a/	a/	0.2	0.4	0.4	a/	a/	0	0	1.1
1980	0	0	a/	a/	0.1	0.1	0.1	0	a/	0	0.3
1981	0	a/	a/	a/	0.1	0.1	0.1	a/	a/	0	0.5
1982	0	0	0	0.4	1.2	0.3	0.1	a/	a/	0	2.0
1983	0	a/	a/	a/	0.2	0.2	0.1	0	0	0	0.5
1984	0	0	0	a/	a/	0.5	a/	a/	0	0	0.6
1985 <sup>b/</sup>	0	0	a/	0.1	0.1	a/	a/	a/	0	0	0.3
<u>Monterey</u>											
1971-1975 Average	0	a/	0.1	0.7	0.4	0.2	a/	a/	a/	0	1.5
1976	a/	a/	a/	0.2	0.2	0.1	a/	0	0	0	0.6
1977	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	a/	a/	a/	0	0	0	a/
1979	0	0	0	0	a/	a/	0	0	0	0	a/
1980	0	0	0	0	0	a/	0	0	0	0	a/
1981	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	a/	a/	a/	a/	0	0	0	a/
1983	0	0	a/	a/	a/	a/	0	0	0	0	0.1
1984	0	0	a/	a/	a/	a/	0.1	0	0	0	0.2
1985 <sup>b/</sup>	0	0	0	0	a/	a/	a/	0	0	0	a/
<u>South Coast</u>											
1971-1975 Average	a/	0.1	1.3	3.7	2.8	1.4	0.7	0.1	a/	a/	10.2
1976	a/	a/	0.8	5.8	3.2	3.2	0.7	0.2	0	0	13.9
1977	a/	0	0.3	0.9	0.6	0.3	0.1	a/	0.1	a/	2.3
1978	0	0	0	0	0.3	0.6	0.2	a/	0	0	1.1
1979	a/	a/	a/	0.2	0.4	0.4	a/	a/	0	0	1.1
1980	0	0	a/	a/	0.1	0.1	0.1	0	a/	0	0.3
1981	0	a/	a/	a/	0.1	0.1	0.1	a/	a/	0	0.5
1982	0	0	0	0.4	1.2	0.3	0.1	a/	a/	0	2.1
1983	0	0	0.1	a/	0.2	0.3	0.1	0	0	0	0.6
1984	0	0	a/	a/	0.1	0.5	0.1	a/	0	0	0.7
1985 <sup>b/</sup>	0	0	a/	0.1	0.1	a/	a/	a/	0	0	0.3
<u>Statewide</u>											
1971-1975 Average	a/	0.1	1.3	4.0	8.5	24.9	8.5	0.8	a/	a/	48.3
1976	a/	a/	0.8	6.3	16.2	24.4	9.2	1.0	a/	0	57.9
1977	a/	0	0.3	1.1	0.6	8.0	3.4	0.5	0.1	a/	14.2
1978	0	0	0	0	18.2	19.7	3.1	a/	0	0	41.0
1979	a/	a/	a/	0.2	3.5	8.9	2.7	0.1	0	0	15.4
1980	0	0	a/	a/	3.8	15.1	1.9	0.1	a/	0	21.0
1981	0	a/	a/	a/	0.8	4.8	3.6	0.1	a/	0	9.3
1982	0	0	0	0.4	10.1	12.1	3.3	0.1	a/	0	26.1
1983	0	a/	0.1	a/	9.6	13.7	4.0	0.3	0	0	27.7
1984	0	0	a/	a/	0.2	15.9	2.8	0.1	0	0	19.0
1985 <sup>b/</sup>	0	0	a/	0.9	0.9	8.5	4.3	0.6	0	0	15.2

a/ Less than 50.

b/ Preliminary.

Table A-6. Summary of Oregon troll salmon effort in vessel days and landings in numbers of fish by catch area for 1979-1985.

Year	Columbia River <sup>a/</sup>	Tillamook	Newport	Coos Bay	Brookings	Oregon Subtotal	Alaska	Washington	California	Total
<u>VESSEL DAYS (thousands)</u>										
1979	2.4	6.3	12.8	16.8	9.9	48.2	b/	0.6	0.1	48.8
1980	1.7	6.0	10.7	12.4	8.3	39.1	b/	0.7	b/	39.9
1981	2.5	8.6	11.0	13.4	9.3	44.8	b/	0.2	0.1	45.2
1982	0.8	3.6	5.8	13.6	8.9	32.7	b/	0.7	0.4	33.9
1983	1.1	3.0	7.1	6.9	3.7	21.7	b/	0.1	0.3	22.1
1984	0.5	0.5	1.9	2.3	2.6	7.8	b/	0.1	b/	7.9
1985 <sup>c/</sup>	0.6	1.4	4.1	14.0	0.6	20.8	b/	0.3	b/	21.1
<u>CHINOOK (thousands)</u>										
1979	5.9	5.0	38.6	68.7	123.8	242.0	b/	2.6	0.9	245.5
1980	5.6	7.8	48.7	74.8	68.4	205.3	0.3	2.9	0.9	209.4
1981	8.4	12.2	27.1	24.4	86.0	158.2	b/	1.0	1.3	160.4
1982	7.3	9.0	27.6	109.2	69.5	222.5	b/	7.0	3.1	232.6
1983	5.4	4.9	24.0	19.8	22.0	76.1	b/	1.6	1.9	79.6
1984	1.5	1.6	18.7	15.4	24.6	61.8	b/	2.2	0.3	64.3
1985 <sup>c/</sup>	5.5	3.3	41.7	155.6	6.1	212.2	b/	3.6	0.8	216.6
<u>COHO (thousands)</u>										
1979	48.7	77.9	211.8	263.1	101.2	702.7	b/	11.3	0.6	714.6
1980	23.5	80.6	137.3	99.2	33.5	374.2	1.8	7.2	b/	383.3
1981	41.9	160.4	192.4	161.4	53.5	609.6	b/	10.4	0.3	620.3
1982 <sup>d/</sup>	24.1	114.7	117.8	227.7	22.2	506.6	b/	14.1	1.2	521.9
1983	4.9	63.3	118.0	109.7	22.5	318.4	b/	0.1	1.3	319.8
1984	13.9					13.9	b/	0.2	b/	14.1
1985 <sup>c/</sup>	18.3	1.6	12.6	29.4	0.2	62.1	b/	21.9	b/	84.0

a/ Oregon ports only

b/ Less than 50

c/ Preliminary.

d/ Landings south of Cape Falcon not adjusted for the 14.0 coho estimated caught in the Columbia River area and transported south of Cape Falcon after Columbia River area closure

Table A-7. Oregon commercial troll effort and landings (numbers of fish) of coho and chinook by month, 1971-1975 average and 1979-1985. Includes catch (and effort) made off California, Washington, and Alaska which were landed in Oregon.<sup>a/</sup>

Year	April	May	June	July	August	September	October	November	Season	
									Total <sup>b/</sup>	Total <sup>b/</sup>
<b>EFFORT (Boat Days)</b>										
1971-1975 Average	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1979	-	1,400	< 100 <sup>c/</sup>	21,500	21,700	1,300	2,000	800	48,800	
1980	-	2,100	3,700 <sup>d/</sup>	12,100	14,600	4,600	2,300	500	39,900	
1981	-	3,300 <sup>e/</sup>	-	21,300	16,700	1,600	1,900	500	45,200	
1982	-	2,300	2,100	18,800	5,600	2,800	1,500	600	33,900	
1983	-	1,500	1,900	12,200	4,100	1,200	1,100	100	22,100	
1984	-	500	400	2,100	4,300	200	300	200	7,900	
1985 <sup>f/</sup>	-	3,100	2,100	6,300	6,600	1,800	900	200	21,100	
<b>CHINOOK</b>										
1971-1975 Average	500	8,300	27,500	56,600	69,700	31,400	13,700	1,300 <sup>g/</sup>	209,200	
1979	-	11,000	200 <sup>c/</sup>	73,600	119,500	13,200	25,200	2,600	245,500	
1980	-	25,800	29,700 <sup>d/</sup>	47,700	64,000	25,200	16,000	1,000	209,400	
1981	-	28,600 <sup>e/</sup>	-	34,900	65,700	16,900	13,200	1,200	160,400	
1982	0	23,000	14,900	125,600	46,100	15,000	6,900	1,300	232,800	
1983	-	9,500	16,300	34,100	11,500	2,700	4,600	900	79,600	
1984	-	4,600	2,400	17,800	36,900	700	1,000	900	64,300	
1985 <sup>f/</sup>	-	39,900	14,900	58,000	76,200	21,500	5,300	900	216,600	
<b>COHO</b>										
1971-1975 Average	-	-	227,800	414,400	305,800	29,700	3,300	-	981,000	
1979	-	-	400 <sup>c/</sup>	534,000	178,700	1,600	-	-	714,600	
1980	-	-	-	228,700	137,500	17,100	-	-	383,300	
1981	-	-	-	350,300	270,000	-	-	-	620,300	
1982	-	-	-	521,900	-	-	-	-	521,900	
1983	-	-	-	275,300	36,100	8,400	-	-	319,800	
1984	-	-	-	-	14,000	-	-	-	14,000	
1985 <sup>f/</sup>	-	-	-	65,700	18,300	-	-	-	84,000	

a/ Statistics from 1971-1975 are reported by calendar months; monthly totals from 1979-1985 are the sum of statistical weeks with closest fit to calendar months.

b/ Due to rounding, the sum of the monthly effort and landings may not exactly equal the season totals.

c/ Caught off California and landed in Oregon.

d/ Totals for June 1980 include landings made through July 6.

e/ Totals for May 1981 include landings made through June 7.

f/ Preliminary.

g/ Late season at mouth of Elk and Chetco rivers only (initiated in 1974). Average for November includes only 1974-1975, thus season total does not agree with the 1971-1975 average in Table I-1.

Table A-8. Oregon troll salmon effort in deliveries (fish tickets) and vessel days by catch area and statistical month for 1976-1985, with 1971-1975 average. Landings do not include catches made off California, Washington, and Alaska which were landed in Oregon.

Year	Catch Area <sup>a/</sup>	DELIVERIES (thousands)										Season <sup>b/</sup>
		April	May	June	July	August	September	October	November	Season		
<u>Columbia River<sup>c/</sup></u>												
1971-1975 Average	d/	0.2	0.4	0.5	0.5	0.3	d/	-	-	1.9	4.1	4.3
1976	-	0.4	0.9	1.2	0.9	0.6	0.1	-	-	2.0	2.4	1.6
1977	-	0.3	0.4	2.7	0.6	0.3	0.1	d/	-	4.3	4.1	4.3
1978	-	0.1	0.2	1.0	0.4	0.3	d/	-	-	2.0	2.4	1.6
1979	-	0.1	d/	0.8	1.5	d/	d/	-	-	1.9	0.9	0.6
1980	-	0.1	d/	0.5	0.8	0.1	d/	d/	-	0.9	0.6	0.6
1981	-	0.2	d/	1.0	0.7	d/	d/	d/	-	0.2	0.4	0.4
1982	-	0.3	d/	0.6	d/	d/	d/	d/	-	6.8	10.0	11.0
1983	-	0.2	d/	d/	0.2	d/	d/	d/	-	6.9	6.0	5.1
1984	-	d/	d/	d/	0.1	d/	d/	d/	-	7.0	3.0	2.5
1985e/	-	d/	d/	d/	0.1	d/	d/	d/	-	0.5	0.5	1.3
<u>Tillamook Area</u>												
1971-1975 Average	d/	d/	0.8	2.6	2.8	0.5	d/	-	-	10.0	11.0	11.0
1976	-	d/	2.3	3.3	3.7	0.6	0.1	d/	-	6.9	6.0	5.1
1977	-	d/	1.4	7.3	1.9	0.4	0.1	d/	-	7.0	3.0	2.5
1978	-	d/	1.5	3.4	1.5	0.4	d/	-	-	0.5	0.5	0.5
1979	-	d/	d/	3.1	2.8	d/	d/	d/	-	0.1	0.1	0.1
1980	-	d/	0.1	1.4	3.3	0.3	d/	d/	d/	0.1	0.1	0.1
1981	-	d/	-	4.1	2.7	0.1	d/	d/	d/	0.1	0.1	0.1
1982	-	0.1	d/	2.4	0.3	0.1	d/	d/	d/	0.1	0.1	0.1
1983	-	d/	d/	1.0	1.1	0.2	d/	d/	d/	0.1	0.1	0.1
1984	-	d/	d/	0.1	0.4	d/	d/	d/	d/	0.1	0.1	0.1
1985e/	-	d/	0.1	0.5	0.1	d/	d/	d/	d/	-	-	-
<u>Newport Area</u>												
1971-1975 Average	d/	0.1	1.8	4.3	5.6	1.7	0.5	d/	-	23.4	20.2	12.7
1976	-	0.2	3.6	8.1	8.4	2.2	0.9	d/	-	11.8	7.3	8.3
1977	-	0.7	1.9	10.8	5.5	1.2	0.2	d/	-	4.2	4.2	5.0
1978	-	0.1	2.0	5.5	3.6	1.3	0.4	d/	-	5.0	5.0	5.0
1979	-	0.3	d/	5.9	5.4	0.2	0.1	d/	-	2.2	2.2	2.2
1980	-	0.3	d/	2.0	3.8	0.5	0.2	d/	-	0.8	0.8	0.8
1981	-	0.5	d/	3.7	3.9	d/	0.1	d/	-	0.1	0.1	0.1
1982	-	0.3	d/	3.0	3.0	0.2	0.2	d/	-	0.1	0.1	0.1
1983	-	0.1	3.0	1.4	0.3	0.1	0.1	d/	-	0.1	0.1	0.1
1984	-	d/	0.1	0.4	0.3	d/	d/	d/	-	0.1	0.1	0.1
1985e/	-	0.3	0.8	0.5	0.1	d/	d/	d/	d/	-	-	-

Table A-8. (continued)

Catch Area <sup>a/</sup> Year	April	May	June	July	August	September	October	November	Season <sup>b/</sup>
<u>DELIVERIES (thousands)</u>									
<u>Coos Bay Area<sup>c/</sup></u>									
1971-1975 Average	d/	0.1	2.7	6.6	4.7	1.7	0.6	d/	16.4
1976	-	0.4	5.3	11.3	8.7	2.6	0.2	-	28.5
1977	-	1.0	3.3	20.8	7.5	1.9	0.4	-	35.0
1978	d/	0.3	3.1	7.1	3.2	1.1	0.2	d/	15.0
1979	-	0.7	d/	8.2	5.8	0.3	0.3	-	15.3
1980	-	0.3	1.3	2.8	3.8	0.7	0.4	d/	9.3
1981	-	0.5	d/	5.8	4.2	0.1	0.1	d/	10.7
1982	-	0.7	0.7	6.6	1.7	0.6	0.2	d/	10.7
1983	-	0.4	0.5	4.7	0.2	0.1	0.1	-	5.9
1984	-	0.1	0.2	0.6	0.9	0.1	0	-	1.9
1985 <sup>e/</sup>	-	1.3	1.5	3.8	3.2	1.1	0.3	-	11.1
<u>Brookings Area</u>									
1971-1975 Average	d/	0.1	0.9	2.1	1.1	0.7	0.9	0.2	5.9
1976	-	d/	1.0	2.8	2.7	1.2	1.6	0.6	9.9
1977	-	0.2	0.6	7.7	2.5	1.3	1.2	0.9	14.5
1978	-	0.1	1.3	2.4	1.5	1.5	1.3	1.0	9.1
1979	-	d/	d/	2.7	2.8	0.7	1.2	0.7	8.1
1980	-	0.5	0.3	0.9	2.0	1.5	0.8	0.5	6.6
1981	-	0.5	d/	1.5	3.0	0.8	1.0	0.5	7.3
1982	-	0.3	0.2	2.6	2.6	0.7	0.8	0.6	7.8
1983	-	0.2	0.5	1.4	0.5	d/	0.7	0.1	3.4
1984	-	0.1	d/	0.5	1.1	d/	0.2	0.1	2.1
1985 <sup>e/</sup>	-	d/	d/	0.1	0.1	0.1	0.2	0.2	0.7
<u>All Areas</u>									
1971-1975 Average	0.1	0.5	6.6	16.6	14.6	5.0	2.1	0.2	45.6
1976	-	0.9	13.1	26.5	24.3	7.4	3.0	0.6	75.8
1977	-	2.3	7.6	49.3	18.0	5.0	2.0	0.9	85.1
1978	d/	0.5	8.0	14.3	10.2	4.5	2.0	1.0	45.7
1979	-	1.1	d/	20.8	18.2	1.2	1.6	0.7	43.6
1980	-	1.3	2.2	7.5	13.6	3.3	1.5	0.5	29.9
1981	-	1.8	d/	16.1	14.5	1.1	1.2	0.5	35.1
1982	-	1.7	1.5	15.1	4.8	1.7	1.3	0.6	26.5
1983	-	1.0	1.1	10.1	3.4	0.7	1.0	0.1	17.4
1984	-	0.3	0.3	1.6	2.8	0.2	0.3	0.1	5.6
1985 <sup>e/</sup>	-	2.0	1.9	5.2	4.5	1.4	0.6	0.2	15.7

Table A-8. (continued)

Year	Catch Area <sup>a/</sup>	Vessel Days (thousands)									
		April	May	June	July	August	September	October	November	December	Season <sup>b/</sup>

WESSEL DAYS (thousands)

Columbia River

Table A-8. (continued)

Year	Catch Area <sup>a/</sup>										Season <sup>b/</sup>				
	April	May	June	July	August	September	October	November							
<u>VESSEL DAYS (thousands)</u>															
<u>Coos Bay Area</u>															
1971-1975 Average	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
1976	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
1977	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
1978	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
1979	0.1	0.6	0.2	9.5	5.5	0.4	0.5	NA	NA	16.8					
1980	d/	0.4	2.0	4.6	3.6	1.2	0.7	d/	d/	12.4					
1981	d/	0.6	d/	7.4	5.1	0.2	0.2	d/	d/	13.4					
1982	d/	0.7	1.0	8.4	2.1	1.1	0.3	d/	d/	13.6					
1983	d/	0.5	0.7	5.5	0.1	0.1	0.1	d/	d/	6.9					
1984	NA	0.1	0.2	0.7	1.2	0.1	NA	NA	NA	2.3					
1985 <sup>e/</sup>	NA	1.7	1.6	4.0	4.8	1.5	0.5	NA	NA	14.0					
<u>Brookings Area</u>															
1971-1975 Average	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
1976	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
1977	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
1978	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
1979	d/	d/	0.1	3.4	3.6	0.7	1.4	0.6	0.6	9.9					
1980	d/	0.7	0.3	1.4	2.4	2.0	1.1	0.5	0.5	8.3					
1981	d/	0.7	d/	1.9	3.5	1.2	1.6	0.4	0.4	9.3					
1982	d/	0.3	0.2	2.9	2.9	0.9	1.1	0.6	0.6	8.9					
1983	d/	0.2	0.7	1.6	0.3	0.1	0.7	0.1	0.1	3.7					
1984	NA	0.2	d/	0.4	1.6	d/	0.2	0.2	0.2	2.6					
1985 <sup>e/</sup>	NA	d/	0	d/	0.1	0.1	0.2	0.2	0.2	0.6					
<u>All Areas</u>															
1971-1975 Average	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
1976	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
1977	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
1978	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
1979	0.1	1.0	0.3	24.4	18.2	1.3	2.2	0.6	48.2						
1980	d/	2.0	3.4	12.2	4.0	4.5	2.3	0.5	39.1						
1981	0.1	3.1	0.1	21.1	16.7	1.5	1.9	0.4	44.8						
1982	0.1	2.2	2.0	13.1	5.6	2.4	1.9	0.6	32.8						
1983	d/	1.4	1.8	12.2	3.8	1.1	1.2	0.1	21.7						
1984	NA	0.4	0.4	2.1	4.3	0.2	0.3	0.2	7.8						
1985 <sup>e/</sup>	NA	3.0	2.1	6.1	6.6	1.9	0.9	0.2	20.8						

a/ Port of landing data used prior to 1980.

b/ Season totals may vary from monthly summation due to rounding.

c/ Columbia River area includes Oregon ports from Astoria through Nehalem Bay; Tillamook area, Garibaldi through Pacific City; Newport area, Depoe Bay through Yachats; Coos Bay area, Florence through Bandon; Brookings area, Port Orford to Oregon-California border.

d/ Less than 50.

e/ Preliminary.

Table A-9. Oregon troll chinook and coho landings (thousands of fish) by catch area and statistical month for 1976-1985, with 1971-1975 averages. Landings exclude catches made off California, Washington, and Alaska which were landed in Oregon.

Year	Catch Area <sup>a/</sup>	CHINOOK LANDINGS (thousands of fish)										Season <sup>b/</sup>
		April	May	June	July	August	September	October	November	C	D	
<u>Columbia River<sup>c/</sup></u>												
1971-1975 Average		0.5	6.4	3.1	1.2	0.8	0.4	0.1	-	12.4	28.0	21.9
1976		-	13.2	8.4	3.9	1.5	0.8	0.2	-	15.2	5.9	5.6
1977		-	5.8	8.7	4.2	1.3	1.2	0.7	-	2.0	d/	-
1978		-	1.1	5.9	5.0	1.0	0.1	-	-	d/	-	-
1979		0.6	0.2	d/	1.9	3.0	0.2	d/	-	d/	-	-
1980		0.1	4.3	d/	0.5	0.5	0.1	d/	-	d/	-	-
1981		0.4	6.4	0.3	0.9	0.5	-	-	-	d/	-	-
1982		0.1	5.0	1.1	1.2	-	-	-	-	d/	-	-
1983		d/	3.2	1.6	0.2	0.2	0.1	-	-	d/	-	-
1984		-	1.3	-	-	0.3	-	-	-	d/	-	-
1985e/		-	5.0	-	-	0.5	-	-	-	d/	-	-
<u>Tillamook Area</u>												
1971-1975 Average		d/	d/	0.6	1.4	2.8	0.7	0.1	-	5.6	9.1	26.1
1976		-	0.1	3.5	2.0	1.9	0.4	0.1	-	8.1	5.0	7.8
1977		-	10.1	11.0	3.1	1.4	0.4	-	-	12.2	9.0	12.2
1978		-	2.3	3.8	1.5	0.2	0.2	-	-	d/	-	-
1979		d/	0.1	-	2.1	2.5	d/	0.2	-	d/	-	-
1980		-	0.9	0.3	1.6	4.4	0.5	0.1	-	d/	-	-
1981		-	0.4	0.1	5.4	2.4	0.2	0.2	-	d/	-	-
1982		-	3.7	0.9	3.1	0.7	0.4	0.2	-	d/	-	-
1983		-	0.5	0.7	1.6	1.2	0.3	0.6	-	d/	-	-
1984		-	0.1	0.2	1.1	0.1	0.1	0.1	-	d/	-	-
1985e/		-	d/	0.2	1.7	0.9	0.2	0.2	-	d/	-	-
<u>Newport Area</u>												
1971-1975 Average		d/	0.5	4.6	9.9	14.3	4.2	3.9	-	37.4	29.9	61.6
1976		-	0.6	4.1	10.2	12.2	1.2	1.7	-	54.1	54.1	54.1
1977		-	3.5	11.1	11.9	31.6	3.1	0.5	-	38.6	38.6	38.6
1978		-	0.3	8.3	16.3	15.2	11.5	2.6	0.1	48.7	48.7	48.7
1979		0.3	4.2	<0.1	15.3	10.6	5.0	3.2	-	27.1	27.1	27.1
1980		d/	9.4	9.0	8.6	12.3	3.1	6.2	-	27.1	27.1	27.1
1981		0.1	9.2	0.3	9.9	7.0	0.3	0.3	-	27.1	27.1	27.1
1982		0.1	4.3	5.0	11.0	1.4	2.2	3.5	-	27.6	27.6	27.6
1983		1.8	1.6	11.0	6.2	1.3	2.3	0.1	0.1	24.0	24.0	24.0
1984		0.1	1.5	10.5	6.5	0.1	-	-	-	18.7	18.7	18.7
1985e/		-	3.7	15.9	6.6	0.7	0.5	-	-	41.7	41.7	41.7

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Table A-9. (continued)

CHINOOK LANDINGS (thousands of fish)

Table A-9. (continued)

Year	April	May	June	July	August	September	October	November	Catch Area <sup>a/</sup>	Season <sup>b/</sup>
									COHO LANDINGS (thousands of fish)	
<u>Columbia River<sup>c/</sup></u>										
1971-1975 Average	-	-	19.2	21.9	15.4	5.5	0.3	-	62.3	
1976	-	-	70.1	64.6	23.0	19.2	1.7	-	176.7	
1977	-	-	26.7	38.4	5.6	2.2	0.4	-	73.1	
1978	-	-	17.8	26.8	8.1	2.2	1.1	-	56.2	
1979	-	-	d/	27.8	19.9	1.0	-	-	48.7	
1980	-	-	-	14.9	7.8	0.7	-	-	23.5	
1981	-	-	-	29.8	12.1	-	-	-	41.9	
1982	-	-	-	24.1	-	-	-	-	24.1	
1983	-	-	-	0.2	2.2	2.5	-	-	4.9	
1984	-	-	-	-	13.9	-	-	-	13.9	
1985 <sup>e/</sup>	-	-	-	-	18.3	-	-	-	18.3	
<u>Tillamook Area</u>										
1971-1975 Average	-	-	17.9	53.4	58.7	4.2	0.1	-	136.3	
1976	-	-	87.5	145.1	67.5	7.1	0.2	-	307.5	
1977	-	-	21.6	60.5	14.2	1.9	0.1	-	98.4	
1978	-	-	40.7	39.6	12.0	1.1	0.1	-	93.4	
1979	-	-	-	56.2	21.7	d/	-	-	77.9	
1980	-	-	-	36.1	43.2	1.3	-	-	80.6	
1981	-	-	-	117.8	42.6	-	-	-	160.4	
1982	-	-	-	114.7	-	-	-	-	114.8	
1983	-	-	-	43.3	18.3	1.7	-	-	63.3	
1984	-	-	-	-	-	-	-	-	-	
1985 <sup>e/</sup>	-	-	-	1.6	-	-	-	-	1.6	
<u>Newport Area</u>										
1971-1975 Average	-	-	46.4	101.2	121.0	10.7	1.4	-	280.7	
1976	-	-	99.9	175.6	148.2	18.1	3.7	-	445.6	
1977	-	-	8.6	61.0	30.4	2.6	0.2	-	102.7	
1978	-	-	73.3	68.6	41.8	2.6	0.1	-	186.5	
1979	-	-	-	159.4	51.8	0.5	-	-	211.8	
1980	-	-	-	86.9	45.3	5.2	-	-	137.3	
1981	-	-	-	77.9	114.5	-	-	-	192.4	
1982	-	-	-	117.8	-	-	-	-	117.8	
1983	-	-	-	99.5	14.3	4.2	-	-	118.0	
1984	-	-	-	-	-	-	-	-	-	
1985 <sup>e/</sup>	-	-	-	12.6	-	-	-	-	12.6	

Table A-9. (continued)

Catch Area <sup>a/</sup> Year	April	May	June	July	August	September	October	November	Season <sup>b/</sup>
<u>COHO LANDINGS (thousands of fish)</u>									
<u>Coos Bay Area</u>									
1971-1975 Average	-	d/	107.1	169.5	91.1	7.8	1.4	-	377.0
1976	-	-	195.2	423.7	152.4	6.9	0.4	-	778.6
1977	-	-	33.8	85.2	26.7	2.6	0.3	-	148.6
1978	-	-	120.3	74.0	20.7	2.3	0.1	-	217.4
1979	-	-	6.5	219.0	37.6	0.1	-	-	263.1
1980	-	-	-	71.9	23.0	4.3	-	-	99.2
1981	-	-	-	96.7	64.7	-	-	-	161.4
1982	-	-	-	227.9	-	-	-	-	227.9
1983	-	-	-	109.7	-	d/	-	-	109.7
1984	-	-	-	-	-	-	-	-	-
1985 <sup>e/</sup>	-	-	-	29.4	-	-	-	-	29.4
<u>Brookings Area</u>									
1971-1975 Average	-	d/	35.4	68.1	19.6	1.4	1.1	d/	124.7
1976	-	-	24.1	74.6	17.3	1.9	0.3	d/	118.7
1977	-	-	1.3	18.7	2.9	0.3	d/	-	23.2
1978	-	-	27.5	18.2	10.2	2.2	0.2	d/	58.2
1979	-	-	1.8	86.4	13.1	0.1	-	-	101.2
1980	-	-	-	15.7	14.4	3.4	-	-	33.5
1981	-	-	-	18.2	35.3	-	-	-	53.5
1982	-	-	-	22.3	-	-	-	-	22.3
1983	-	-	-	22.5	-	-	-	-	22.5
1984	-	-	-	-	-	-	-	-	-
1985 <sup>e/</sup>	-	-	-	0.2	-	-	-	-	0.2
<u>All Areas</u>									
1971-1975 Average	-	d/	226.0	414.1	305.8	29.6	3.3	d/	981.0
1976	-	-	476.8	883.6	408.9	51.2	6.3	d/	1,827.0
1977	-	-	92.0	263.8	79.8	9.6	1.0	-	446.1
1978	-	-	279.6	227.2	92.8	10.4	1.6	d/	611.6
1979	-	-	8.3	548.8	144.1	1.5	-	-	702.7
1980	-	-	-	225.5	133.7	14.9	-	-	374.2
1981	-	-	-	340.4	269.2	-	-	-	609.6
1982	-	-	-	506.6	-	-	-	-	506.6
1983	-	-	-	275.2	34.8	8.4	-	-	318.4
1984	-	-	-	-	13.9	-	-	-	13.9
1985 <sup>e/</sup>	-	-	-	43.8	18.3	-	-	-	62.1

a/ Port of landing data used prior to 1980.

b/ Season totals may vary from monthly summation due to rounding.

c/ Columbia River area includes Oregon ports from Astoria through Nehalem Bay; Tillamook area, Garibaldi through Pacific City; Newport area, Depoe Bay through Yachats; Coos Bay area, Florence through Bandon; Brookings area, Port Orford to Oregon-California border.

d/ Less than 50.

e/ Preliminary.

f/ Late season fishery for chinook in state waters off Elk and Chetco rivers only (began in 1974). Average for November includes only 1974-1975, thus season totals do not agree with the 1971-1975 average in Table II-8.

Table A-10. Oregon ocean recreational effort in salmon angler trips and chinook and coho landings (thousands of fish) by catch area and month for 1976-1985, with 1974-1975 average.

Catch Area <sup>a/</sup> Year	April	May	June	July	August	September	October	November	Season <sup>b/</sup>
<u>ANGLER TRIPS (thousands)</u>									
<u>Columbia River</u>									
1974-1975 Average	NA	NA	NA	NA	NA	NA	NA	NA	75.9
1976									
1977									
1978	NA	NA	NA	NA	NA	NA	NA	NA	63.4
1979	-	0.8	5.0	14.8	19.7	2.9	-	-	43.3
1980	-	1.3	7.8	13.7	19.7	3.8	-	-	46.3
1981	-	1.0	4.9	14.1	20.1	4.6	-	-	44.7
1982	-	-	4.9	22.3	-	-	-	-	27.2
1983	-	-	2.7	12.9	11.5	3.8	-	-	30.9
1984	-	-	-	2.0	5.1	-	-	-	7.1
1985 <sup>c/</sup>	-	-	0.6	7.8	11.6	-	-	-	20.0
<u>Tillamook Area</u>									
1974-1975 Average	NA	NA	NA	NA	NA	NA	NA	NA	40.9
1976									
1977									
1978	NA	NA	NA	NA	NA	NA	NA	NA	31.7
1979	-	0.9	3.2	11.8	14.5	0.6	-	-	31.0
1980	-	0.4	8.5	17.3	18.1	3.6	-	-	47.8
1981	-	1.3	2.2	11.5	16.5	6.6	-	-	38.0
1982	-	0.1	2.7	21.8	-	-	-	-	24.6
1983	-	-	1.2	12.6	7.8	3.7	-	-	25.3
1984	-	-	-	11.8	10.8	1.2	-	-	23.8
1985 <sup>c/</sup>	-	-	-	13.0	21.7	2.2	1.6	-	38.6
<u>Newport Area</u>									
1974-1975 Average	NA	NA	NA	NA	NA	NA	NA	NA	91.3
1976									
1977									
1978	NA	NA	NA	NA	NA	NA	NA	NA	115.6
1979	-	2.0	8.2	33.2	28.7	0.2	-	-	72.4
1980	-	1.8	16.7	39.0	22.6	3.8	-	-	83.9
1981	-	2.3	8.2	27.6	31.7	7.5	-	-	77.3
1982	-	0.2	7.3	46.0	-	-	-	-	53.5
1983	-	-	3.6	22.8	10.9	5.2	-	-	42.6
1984	-	-	-	24.0	19.2	0.8	-	-	44.0
1985 <sup>c/</sup>	-	-	-	24.3	44.4	1.8	-	-	70.6

Table A-10. (continued)

Catch Area <sup>a/</sup> Year	April	May	June	July	August	September	October	November	Season <sup>b/</sup>
<u>ANGLER TRIPS (thousands)</u>									
<u>Coos Bay Area</u>									
1974-1975 Average	NA	NA	NA	NA	NA	NA	NA	NA	104.3
1976									
1977									
1978	NA	NA	NA	NA	NA	NA	NA	NA	104.4
1979	-	4.8	21.5	42.9	25.2	0.3	-	-	94.7
1980	-	2.2	32.1	46.2	14.3	2.6	-	-	97.4
1981	-	6.6	13.9	35.2	22.7	5.5	-	-	83.9
1982	-	0.1	12.0	47.3	-	-	-	-	59.4
1983	-	-	14.2	36.9	13.6	6.9	-	-	71.6
1984	-	-	-	22.0	17.9	0.3	-	-	40.2
1985 <sup>c/</sup>	-	-	-	33.1	29.2	1.2	-	-	63.5
<u>Brookings Area</u>									
1974-1975 Average	NA	NA	NA	NA	NA	NA	NA	NA	59.2
1976									
1977									
1978	NA	NA	NA	NA	NA	NA	NA	NA	88.6
1979	-	0.3	4.9	27.1	18.5	3.3	5.0	0.9	59.9
1980	-	0.2	13.3	23.9	10.0	5.3	2.9	0.4	56.0
1981	-	2.7	16.5	23.7	19.3	2.3	2.3	0.3	67.1 <sup>c/</sup>
1982	-	0.4	5.2	39.7	10.2	3.0	2.6	0.3	61.4
1983	-	0.8	9.8	22.7	11.2	6.1	5.0	0.1	55.7
1984	-	-	-	15.1	16.8	2.9	3.1	-	38.0
1985 <sup>c/</sup>	-	4.6	-	28.5	19.3	2.6	4.0	-	59.0
<u>All Areas</u>									
1974-1975 Average	1.8	9.8	39.3	124.7	129.8	61.3	5.1	-	371.7
1976									
1977									
1978	NA	NA	NA	NA	NA	NA	NA	NA	403.7
1979	-	8.9	42.8	129.8	106.7	7.3	5.0	0.9	301.3
1980	-	5.9	78.4	140.0	84.7	19.1	2.9	0.4	331.4
1981	-	13.8	45.7	112.2	110.3	26.4	2.3	0.3	311.0
1982	-	0.7	32.1	177.1	10.2	3.0	2.6	0.3	226.0
1983	-	0.8	31.5	108.0	55.1	25.5	5.0	0.1	226.0
1984 <sup>c/</sup>	-	-	-	74.9	69.8	5.3	3.1	-	153.1
1985 <sup>c/</sup>	-	4.6	0.6	106.8	126.2	7.8	5.6	-	251.6

Table A-10. (continued)

Year	Catch Area <sup>a/</sup>									
	April	May	June	July	August	September	October	November	Season <sup>b/</sup>	
<u>CHINOOK LANDINGS<sup>d/</sup> (thousands of fish)</u>										
<u>Columbia River<sup>a/</sup></u>										
1974-1975 Average	0.1	0.6	2.8	12.8	10.5	5.7	0.1	-	32.6	
1976	NA	NA	NA	NA	NA	NA	NA	NA	44.6	
1977	NA	NA	NA	NA	NA	NA	NA	NA	22.6	
1978	NA	NA	NA	NA	NA	NA	NA	NA	7.9	
1979	-	0.6	1.6	2.1	3.1	0.1	-	-	7.5	
1980	-	0.1	1.2	1.4	2.5	0.4	-	-	5.5	
1981	-	e/	0.4	3.2	6.7	1.2	-	-	11.5	
1982	-	-	2.2	6.0	-	-	-	-	8.2	
1983	-	-	1.0	1.6	0.5	0.2	-	-	3.4	
1984	-	-	-	-	-	-	-	-	-	
1985 <sup>c/</sup>	-	-	e/	1.3	2.2	-	-	-	3.6	
<u>Tillamook Area</u>										
1974-1975 Average	e/	e/	0.1	0.2	1.1	0.3	0.2	-	2.0	
1976	NA	NA	NA	NA	NA	NA	NA	NA	2.3	
1977	NA	NA	NA	NA	NA	NA	NA	NA	1.5	
1978	NA	NA	NA	NA	NA	NA	NA	NA	0.8	
1979	-	e/	e/	0.6	0.3	e/	-	-	1.0	
1980	-	e/	0.2	0.3	0.8	0.2	-	-	1.6	
1981	-	e/	e/	0.6	0.9	0.4	-	-	1.9	
1982	-	-	0.1	1.3	-	-	-	-	1.4	
1983	-	-	<0.1	0.4	0.2	0.1	-	-	0.7	
1984	-	-	-	0.6	0.5	<0.1	-	-	1.1	
1985 <sup>c/</sup>	-	-	-	1.1	1.4	<0.1	e/	-	2.6	
<u>Newport Area</u>										
1974-1975 Average	e/	e/	0.6	1.8	1.4	0.3	0.1	-	4.3	
1976	NA	NA	NA	NA	NA	NA	NA	NA	4.6	
1977	NA	NA	NA	NA	NA	NA	NA	NA	2.6	
1978	NA	NA	NA	NA	NA	NA	NA	NA	2.1	
1979	-	0.2	0.3	0.5	0.4	e/	-	-	1.4	
1980	-	0.1	0.6	0.6	0.4	0.2	-	-	1.8	
1981	-	e/	0.1	1.1	1.0	0.2	-	-	2.4	
1982	-	-	0.6	2.9	-	-	-	-	3.5	
1983	-	-	0.4	0.8	0.3	0.2	-	-	1.6	
1984	-	-	-	1.1	0.9	<0.1	-	-	2.0	
1985 <sup>c/</sup>	-	-	-	1.4	2.6	<0.1	-	-	4.1	

Table A-10. (continued)

Year	April	May	June	July	August	September	October	November	Catch Area <sup>a/</sup>	Season <sup>b/</sup>
									CHINOOK LANDINGS <sup>d/</sup> (thousands of fish)	
<u>Coos Bay Area</u>										
1974-1975 Average	e/	0.2	0.7	1.6	2.9	1.0	0.2	-	6.8	
1976	NA	NA	NA	NA	NA	NA	NA	NA	14.6	
1977	NA	NA	NA	NA	NA	NA	NA	NA	22.7	
1978	NA	NA	NA	NA	NA	NA	NA	NA	4.8	
1979	-	0.2	2.4	1.5	0.5	e/	-	-	4.5	
1980	-	e/	1.4	2.7	0.7	0.2	-	-	5.3	
1981	-	0.1	0.4	2.3	1.3	0.3	-	-	4.5	
1982	-	e/	1.0	9.1	-	-	-	-	10.1	
1983	-	-	1.3	2.4	1.1	1.7	-	-	6.6	
1984	-	-	-	2.2	2.6	<0.1	-	-	4.9	
1985 <sup>c/</sup>	-	-	-	4.4	4.9	0.1	-	-	9.5	
<u>Brookings Area</u>										
1974-1975 Average	e/	e/	0.3	3.4	4.2	1.2	1.0	-	10.6	
1976	NA	NA	NA	NA	NA	NA	NA	NA	13.2	
1977	NA	NA	NA	NA	NA	NA	NA	NA	11.8	
1978	NA	NA	NA	NA	NA	NA	NA	NA	7.3	
1979	-	e/	0.3	2.1	3.4	e/	0.6	0.1	6.4	
1980	-	e/	1.3	1.7	1.0	0.4	0.3	0.1	4.8	
1981	-	0.5	2.2	3.2	2.6	0.1	0.3	e/	8.9	
1982	-	e/	0.8	12.7	1.5	0.2	0.2	e/	15.5	
1983	-	0.5	3.4	4.9	1.5	1.0	1.0	e/	12.4	
1984	-	-	-	1.9	5.6	1.1	0.4	-	9.0	
1985 <sup>c/</sup>	-	2.5	-	23.0	9.7	0.4	0.6	-	36.1	
<u>All Areas</u>										
1974-1975 Average	0.2	0.9	4.8	19.7	19.7	9.2	1.8	-	56.2	
1976	NA	NA	NA	NA	NA	NA	NA	NA	79.3	
1977	NA	NA	NA	NA	NA	NA	NA	NA	61.4	
1978	0.1	0.9	4.7	5.0	9.6	1.6	0.9	0.1	22.8	
1979	-	1.0	4.6	6.7	7.7	0.2	0.6	0.1	20.9	
1980	-	0.3	4.7	6.9	5.4	1.3	0.3	0.1	19.0	
1981	-	0.7	3.1	10.3	12.5	2.2	0.3	e/	29.2	
1982	-	e/	4.7	31.9	1.5	0.2	0.2	e/	38.7	
1983	-	0.5	6.1	10.1	3.6	3.3	1.0	-	24.7	
1984	-	-	-	5.8	9.6	1.2	0.4	-	17.0	
1985 <sup>c/</sup>	-	2.5	e/	31.4	20.8	0.6	0.6	-	55.9	

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Table A-10. (continued)

Year	April	May	June	July	August	September	October	November	Catch Area <sup>a/</sup>	Season <sup>b/</sup>
									COHO LANDINGS <sup>d/</sup> (thousands of fish)	
<u>Columbia River</u>										
1974-1975 Average	0.2	0.8	3.9	17.6	35.0	11.7	0.1	-	70.7	
1976	NA	NA	NA	NA	NA	NA	NA	NA	116.7	
1977	NA	NA	NA	NA	NA	NA	NA	NA	55.3	
1978	NA	NA	NA	NA	NA	NA	NA	NA	60.2	
1979	-	0.4	6.5	13.3	16.3	1.5	-	-	38.0	
1980	-	1.8	17.3	19.8	15.6	1.2	-	-	55.6	
1981	-	1.7	8.3	18.1	20.2	6.0	-	-	54.3	
1982	-	-	5.3	30.2	-	-	-	-	35.5	
1983	-	-	3.6	18.9	9.7	5.1	-	-	37.2	
1984	-	-	-	3.6	7.3	-	-	-	10.9	
1985 <sup>c/</sup>	-	-	0.7	11.6	18.8	-	-	-	31.0	
<u>Tillamook Area</u>										
1974-1975 Average	e/	0.1	1.5	5.0	15.3	4.5	0.2	-	27.2	
1976	NA	NA	NA	NA	NA	NA	NA	NA	50.0	
1977	NA	NA	NA	NA	NA	NA	NA	NA	15.6	
1978	NA	NA	NA	NA	NA	NA	NA	NA	8.5	
1979	-	0.1	1.1	2.6	5.6	e/	-	-	9.4	
1980	-	0.1	7.1	10.8	10.3	0.6	-	-	28.9	
1981	-	0.3	1.0	5.6	9.6	1.3	-	-	17.8	
1982	-	-	1.3	21.8	-	-	-	-	23.1	
1983	-	-	0.2	6.1	1.6	0.9	-	-	8.8	
1984	-	-	-	9.3	10.6	0.5	-	-	20.3	
1985 <sup>c/</sup>	-	-	-	8.9	21.7	0.4	-	-	31.0	
<u>Newport Area</u>										
1974-1975 Average	0.1	0.1	8.1	24.8	26.4	4.5	0.1	-	65.1	
1976	NA	NA	NA	NA	NA	NA	NA	NA	118.1	
1977	NA	NA	NA	NA	NA	NA	NA	NA	34.0	
1978	NA	NA	NA	NA	NA	NA	NA	NA	61.4	
1979	-	0.2	3.7	18.7	13.6	e/	-	-	36.3	
1980	-	0.2	18.5	41.5	10.8	1.4	-	-	72.4	
1981	-	0.4	6.3	20.7	30.5	7.0	-	-	61.9	
1982	-	-	3.6	40.5	-	-	-	-	44.0	
1983	-	-	0.6	13.5	4.3	3.5	-	-	21.8	
1984	-	-	-	24.7	16.4	0.1	-	-	41.2	
1985 <sup>c/</sup>	-	-	14.9	45.7	1.4	-	-	-	61.9	

Table A-10. (continued)

Catch Area <sup>a/</sup> Year	April	May	June	July	August	September	October	November	Season <sup>b/</sup>
<u>COHO LANDINGS<sup>d/</sup> (thousands of fish)</u>									
<u>Coos Bay Area</u>									
1974-1975 Average	0.3	3.4	17.9	39.1	21.0	6.7	0.2	-	90.1
1976	NA	NA	NA	NA	NA	NA	NA	NA	164.8
1977	NA	NA	NA	NA	NA	NA	NA	NA	76.3
1978	NA	NA	NA	NA	NA	NA	NA	NA	82.8
1979	-	4.9	22.7	16.7	14.6	e/	-	-	79.0
1980	-	3.8	53.6	70.6	7.1	0.8	-	-	135.9
1981	-	6.3	8.1	25.1	16.5	1.7	-	-	57.6
1982	-	-	12.2	43.4	-	-	-	-	55.6
1983	-	-	20.7	28.3	9.2	4.5	-	-	62.7
1984	-	-	-	19.6	19.7	0.1	-	-	39.4
1985 <sup>c/</sup>	-	-	-	30.9	19.7	0.5	-	-	51.2
<u>Brookings Area</u>									
1974-1975 Average	0.1	0.9	4.1	16.0	5.3	3.1	0.1	-	30.2
1976	NA	NA	NA	NA	NA	NA	NA	NA	51.8
1977	NA	NA	NA	NA	NA	NA	NA	NA	14.0
1978	NA	NA	NA	NA	NA	NA	NA	NA	47.1
1979	-	e/	1.6	14.5	2.1	-	-	-	18.2
1980	-	0.1	17.7	13.4	1.4	0.5	-	-	33.0
1981	-	0.5	2.6	1.4	3.8	<0.1	-	-	8.3
1982	-	e/	1.7	15.2	-	-	-	-	16.9
1983	-	0.5	4.9	8.9	1.6	0.5	-	-	16.3
1984	-	-	-	7.4	4.0	0.2	-	-	11.5
1985 <sup>c/</sup>	-	e/	-	4.9	2.5	e/	-	-	7.4
<u>All Areas</u>									
1974-1975 Average	0.8	5.8	36.5	102.5	103.0	33.9	0.9	-	283.4
1976	NA	NA	NA	NA	NA	NA	NA	NA	501.3
1977	NA	NA	NA	NA	NA	NA	NA	NA	193.3
1978	NA	NA	NA	NA	NA	NA	NA	NA	259.8
1979	-	5.7	35.6	85.8	52.2	1.6	-	-	180.8
1980	-	6.0	114.2	156.1	45.1	4.4	-	-	325.8
1981	-	9.2	26.3	70.8	80.6	12.9	-	-	199.8
1982	-	e/	24.1	151.0	-	-	-	-	175.1
1983	-	0.5	30.0	75.6	26.4	14.4	-	-	146.9
1984	-	-	-	64.6	57.9	0.9	-	-	123.3
1985 <sup>c/</sup>	-	e/	0.7	71.1	108.3	2.3	-	-	182.5

a/ Columbia River area includes Astoria, Warrenton, and Hammond; Tillamook area includes Garibaldi and Pacific City; Newport area includes Depoe Bay and Newport; Coos Bay area includes Florence, Winchester Bay, and Coos Bay; Brookings area includes Gold Beach and Brookings.

b/ Data by area and calendar month for 1979-1985. Prior to 1979, data summarized by port of landing. Season totals may vary from summarized months due to rounding. Season totals for individual catch areas for 1974-1975 data may not equal the sum of combined months due to some effort/landings not identified by port of landing. "All Areas" summary includes unidentified data. Effort for 1979-1985 consists of salmon angler trips only. Data prior to 1979 includes combined bottom fish and salmon trips.

c/ Preliminary.

d/ The 1974-1975 average and 1976-1980 catch is combined salmon-steelhead punch card and sampled port data. Since 1981, data from sampled ports only.

e/ Less than 50.

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Table A-11. Summary of Washington non-Indian troll salmon effort in vessel days and landings (thousands of fish) by catch area for 1976-1985 and 1971-1975 average.

Year	Columbia River	Grays Harbor	Quillayute	Cape Flattery <sup>a/</sup>	Washington Subtotal	Oregon <sup>b/</sup>	California <sup>b/</sup>	Alaska	Total
<u>VESSEL DAYS (thousands)</u>									
1971-1975 Average	10.1	18.2	15.1	8.8	52.2	0.1	0	0.1	52.4
1976	13.9	22.3	13.1	9.6	58.9	0.3	0	0.2	59.4
1977	11.3	18.4	11.1	12.0	52.8	1.6	0	1.1	55.5
1978	7.4	12.9	9.4	10.2	39.9	1.0	0	1.1	42.0
1979	7.6	13.1	8.4	11.1	40.2	0.4	0.1	0.7	41.4
1980	4.8	9.0	5.4	6.0	25.2	0.2	0	0.8	26.2
1981	4.5	10.1	4.2	7.2	26.0	0.6	0	0	26.6
1982	2.3	8.3	2.0	3.5	16.1	0.3	0	0	16.4
1983	2.1	4.3	0.9	2.6	9.8	0.2	0	0	10.0
1984 <sup>c/</sup>	0.2	0.4	0	0.4	1.0	0	0	0	1.1
1985 <sup>c/</sup>	0.8	3.0	0.7	1.7	6.2	0.1	0	0	6.2
<u>CHINOOK (thousands of fish)</u>									
1971-1975 Average	31.7	99.6	84.0	46.6	261.9	0.7	0	2.3	264.9
1976	46.2	153.0	84.5	51.5	335.2	2.0	0.6	3.2	341.0
1977	40.4	94.0	43.2	39.2	216.8	14.1	0.1	20.1	251.1
1978	10.5	49.5	39.2	30.3	129.6	3.2	0.1	17.3	150.2
1979	9.7	57.6	28.6	26.9	122.6	3.4	2.3	9.4	137.6
1980	10.6	51.1	22.7	22.3	112.8	1.7	0.2	5.4	120.1
1981	11.6	48.0	14.5	17.2	91.3	2.1	0.1	0.2	94.0
1982	19.1	73.5	12.4	17.2	122.0	1.7	0.5	0	124.3
1983	7.1	27.2	4.8	9.6	49.0	0.2	0.3	0.8	50.3
1984 <sup>c/</sup>	1.2	5.8	0.3	2.3	9.6	0.1	0	0	9.8
1985 <sup>c/</sup>	6.8	19.5	3.3	4.4	34.0	0.4	0	0	34.4
<u>COHO (thousands of fish)</u>									
1971-1975 Average	232.0	235.3	256.0	126.3	849.6	7.8	0.1	0.8	858.3
1976	326.1	401.4	403.8	216.0	1,347.3	17.0	4.0	1.5	1,369.8
1977	99.0	189.7	179.2	188.7	656.6	42.4	0.2	3.5	702.7
1978	91.8	128.6	162.2	164.1	546.7	34.4	2.6	18.1	601.7
1979	112.6	215.4	156.4	145.5	630.1	9.6	1.2	15.6	656.4
1980	55.1	102.6	115.0	69.0	341.8	4.0	0	11.2	357.0
1981	76.5	122.7	55.9	95.0	351.0	19.3	0.2	0	368.9
1982	44.0	49.3	46.8	98.7	238.6	18.3	0	1.1	258.1
1983	18.4	1.3	1.3	2.4	23.5	3.2	0	3.2	30.0
1984 <sup>c/</sup>	6.5	0	0	16.9	23.4	0.2	0	0	23.4
1985 <sup>c/</sup>	14.2	81.8	32.5	0	128.6	0.5	0	0	129.1
<u>PINK (thousands of fish)</u>									
1971-1975 Average	0.1	4.2	29.8	15.2	49.4	0.1	0	0.2	49.6
1977	4.0	25.2	91.2	155.5	276.0	2.9	0	1.8	280.6
1979	3.2	29.2	195.4	322.3	550.1	0.7	0	3.4	554.3
1981	2.7	20.0	54.3	151.9	228.9	1.0	0	0	232.2
1983	0	0	6.1	79.4	85.8	0	0	0.8	86.6
1985	1.0	2.6	8.8	89.2	101.7	<.05	0	0	101.7

a/ Includes effort and landings from Cape Flattery and Strait of Juan de Fuca areas.

b/ Oregon and California catches combined after 1983.

c/ Preliminary.

Table A-12. Washington non-Indian troll effort (days fished) and catch of chinook, coho, and pink salmon (thousands of fish) by statistical month and catch area for 1976-1985 and 1971-1975 average (1973-1975 average for days fished).<sup>a/</sup>

	May <sup>b/</sup>	June	July	August	September <sup>c/</sup>	Total
<u>DAYS FISHED (thousands)</u>						
<u>Cape Flattery<sup>d/</sup></u>						
1973-1975 Average	0.3	1.1	2.6	2.9	1.9	8.8
1976	0.1	0.7	2.9	3.8	2.2	9.6
1977	0.4	0.6	3.6	4.8	2.5	12.0
1978	0.4	0.6	3.2	3.6	2.3	10.2
1979	1.2	0.1	3.7	6.1	0.1	11.1
1980	1.2	0.2	1.9	2.7	e/	6.0
1981	1.0	e/	2.6	3.6	e/	7.2
1982	0.4	0.1	2.9	0.1	e/	3.5
1983	0.5	e/	1.0	1.0	e/	2.6
1984	0.1	e/	e/	0.3	e/	0.4
1985	0.2	0.0	0.1	1.3	e/	1.7
<u>Quillayute</u>						
1973-1975 Average	0.9	1.8	5.5	4.1	2.9	15.1
1976	0.4	1.5	4.5	4.6	2.1	13.1
1977	0.8	0.6	5.0	3.6	1.0	11.1
1978	0.4	0.5	4.0	3.0	1.5	9.4
1979	0.9	0.1	3.1	4.3	e/	8.4
1980	0.4	e/	2.5	2.6	e/	5.4
1981	0.5	e/	1.8	1.8	e/	4.2
1982	0.1	e/	1.9	0.0	e/	2.0
1983	0.2	e/	0.5	0.2	e/	0.9
1984	e/	e/	e/	e/	e/	e/
1985	e/	0.0	0.5	0.1	e/	0.7
<u>Grays Harbor</u>						
1973-1975 Average	2.7	2.5	5.2	3.4	4.2	18.2
1976	2.8	3.5	6.3	4.9	4.7	22.3
1977	2.2	1.7	6.7	4.1	3.8	18.4
1978	2.0	1.4	4.4	2.4	2.6	12.9
1979	2.1	e/	4.7	6.2	e/	13.1
1980	2.3	e/	3.2	3.6	e/	9.0
1981	2.8	e/	3.9	3.4	e/	10.1
1982	2.8	0.5	5.0	e/	e/	8.3
1983	2.7	0.4	1.2	e/	e/	4.3
1984	0.4	e/	e/	e/	e/	0.4
1985	1.9	e/	1.1	0.0	e/	3.0
<u>Columbia River</u>						
1973-1975 Average	1.0	1.2	3.3	3.1	1.5	10.1
1976	0.9	0.9	4.4	3.7	3.0	13.9
1977	1.2	0.5	4.0	3.1	2.6	11.3
1978	0.2	0.4	3.0	1.6	2.3	7.4
1979	0.5	e/	3.3	3.8	e/	7.6
1980	0.7	0.0	1.4	2.3	0.5	4.8
1981	0.9	e/	1.9	1.7	e/	4.5
1982	0.9	0.1	1.3	e/	e/	2.3
1983	0.6	0.2	0.1	0.6	0.6	2.1
1984	e/	e/	e/	0.2	e/	0.2
1985	0.5	0.0	0.0	0.3	e/	0.8
<u>Total</u>						
1973-1975 Average	5.0	6.6	16.6	13.6	10.5	52.2
1976	4.4	7.6	18.0	17.0	11.9	58.9
1977	4.6	3.3	19.3	15.7	9.9	52.8
1978	2.9	2.9	14.6	10.7	8.7	39.9
1979	4.7	0.2	14.8	20.4	0.2	40.2
1980	4.5	0.2	8.9	11.1	0.5	25.2
1981	5.2	e/	10.2	10.5	e/	26.0
1982	4.3	0.7	11.1	0.1	e/	16.1
1983	4.0	0.6	2.8	1.8	0.6	9.8
1984	0.6	e/	e/	0.5	e/	1.1
1985	2.6	e/	1.8	1.7	e/	6.2

Table A-12. (continued)

	May <sup>b/</sup>	June	July	August	September <sup>c/</sup>	Total
<u>CHINOOK LANDINGS (thousands of fish)</u>						
<u>Cape Flattery<sup>d/</sup></u>						
1971-1975 Average	3.6	11.9	17.7	7.6	5.8	46.6
1976	2.1	8.1	22.0	15.2	4.0	51.5
1977	4.1	4.3	13.7	12.5	4.7	39.2
1978	2.9	4.6	13.4	7.4	1.9	30.3
1979	13.8	0.1	7.5	5.4	0.1	26.9
1980	11.0	1.9	5.8	3.5	e/	22.3
1981	8.2	e/	6.1	2.9	e/	17.2
1982	2.8	0.5	13.5	0.3	e/	17.2
1983	3.8	0.1	5.6	0.1	e/	9.6
1984	1.1	e/	e/	1.2	e/	2.3
1985	1.6	0.0	0.2	2.5	e/	4.4
<u>Quillayute</u>						
1971-1975 Average	8.1	16.5	32.6	16.0	10.8	84.0
1976	5.7	20.1	32.3	21.6	4.8	84.5
1977	9.9	4.2	18.7	7.5	2.8	43.2
1978	3.2	4.1	17.0	12.4	2.5	39.2
1979	9.9	0.2	11.6	6.8	0.1	28.6
1980	3.6	0.1	18.5	6.4	e/	22.7
1981	6.1	0.1	4.2	4.1	e/	14.5
1982	1.2	0.5	10.6	0.0	e/	12.4
1983	1.5	0.1	3.1	0.1	0.0	4.9
1984	0.3	e/	e/	e/	e/	0.3
1985	0.3	0.0	1.9	1.1	0.0	3.3
<u>Grays Harbor</u>						
1971-1975 Average	36.6	22.4	21.2	9.7	9.6	99.6
1976	49.6	48.1	27.6	16.8	11.0	153.0
1977	32.6	16.6	23.9	9.7	11.3	94.0
1978	17.8	10.4	12.0	5.3	4.0	49.5
1979	19.6	e/	14.7	23.0	0.2	57.6
1980	22.8	0.1	16.5	11.8	e/	51.1
1981	25.1	e/	12.7	10.2	e/	48.0
1982	39.4	6.1	27.9	0.1	e/	73.5
1983	18.9	3.7	4.1	0.7	e/	27.4
1984	5.8	e/	e/	e/	e/	5.8
1985	11.9	0.2	7.4	0.0	0.0	19.5
<u>Columbia River</u>						
1971-1975 Average	14.2	6.6	4.4	3.9	2.6	31.7
1976	13.6	19.7	5.1	4.4	3.4	46.2
1977	15.4	3.5	6.5	4.9	10.1	40.4
1978	0.8	2.2	4.5	1.4	1.6	10.5
1979	3.0	e/	2.6	3.6	0.4	9.7
1980	7.1	e/	1.0	2.2	0.4	10.6
1981	9.2	e/	1.1	1.2	e/	11.6
1982	12.1	1.6	5.5	e/	e/	19.1
1983	3.9	2.2	0.3	0.3	0.4	7.1
1984	0.9	e/	e/	0.3	e/	1.2
1985	6.4	0.0	0.0	0.4	0.0	6.8
<u>Total</u>						
1971-1975 Average	62.6	57.4	75.9	37.2	28.8	261.9
1976	71.0	96.1	87.0	58.0	23.1	335.2
1977	62.0	28.5	62.7	34.7	28.8	216.8
1978	24.7	21.4	46.9	26.4	10.1	129.6
1979	46.4	0.3	36.4	38.7	0.8	122.6
1980	44.5	2.1	41.7	23.9	0.5	112.8
1981	48.6	e/	24.2	18.5	e/	91.3
1982	55.5	8.7	57.5	0.4	e/	122.0
1983	28.1	6.1	13.2	1.2	0.4	49.0
1984	8.1	e/	e/	1.6	e/	9.6
1985	20.3	0.2	9.5	4.0	e/	34.0

Table A-12. (continued)

	May <sup>b/</sup>	June	July	August	September <sup>c/</sup>	Total
<u>COHO LANDINGS (thousands of fish)</u>						
<u>Cape Flattery<sup>d/</sup></u>						
1971-1975 Average	0.0	17.9	41.9	47.1	19.4	126.3
1976	0.0	19.0	99.6	62.0	35.3	216.0
1977	0.0	e/	63.1	74.3	51.3	188.7
1978	0.0	e/	67.1	51.4	45.6	164.1
1979	0.0	0.2	74.8	69.6	1.0	143.5
1980	0.0	0.0	32.4	36.7	e/	69.0
1981	0.0	0.0	46.3	48.6	e/	95.0
1982	0.0	0.0	84.2	14.3	0.2	98.7
1983	0.0	0.0	1.8	0.7	e/	2.6
1984	0.0	0.0	0.0	16.9	0.0	16.9
1985	0.0	0.0	0.0	e/	0.0	e/
<u>Quillayute</u>						
1971-1975 Average	0.0	49.5	119.3	65.7	21.5	256.0
1976	0.0	46.4	208.0	110.2	39.2	403.8
1977	0.0	e/	106.1	53.7	19.4	179.2
1978	0.0	e/	96.9	34.9	30.4	162.2
1979	0.0	0.5	81.0	74.2	0.8	156.4
1980	0.0	0.0	71.1	43.9	0.0	115.0
1981	0.0	0.0	38.6	18.3	0.0	56.9
1982	0.0	0.0	46.8	e/	0.0	46.8
1983	0.0	0.0	1.0	0.3	0.0	1.3
1984	0.0	0.0	0.0	0.0	0.0	e/
1985	0.0	0.0	32.5	0.0	0.0	32.5
<u>Grays Harbor</u>						
1971-1975 Average	0.0	48.7	97.2	51.1	38.2	235.3
1976	0.0	69.5	191.9	86.5	53.4	401.4
1977	0.0	0.27	137.4	39.7	12.3	189.7
1978	0.0	e/	92.8	14.0	21.8	128.6
1979	0.0	0.1	128.8	85.8	0.7	215.4
1980	0.0	0.1	65.3	37.2	0.0	102.6
1981	0.0	0.0	90.2	32.4	0.0	122.7
1982	0.0	0.0	49.0	0.2	e/	49.3
1983	0.0	0.0	1.1	0.2	0.0	1.3
1984	0.0	0.0	0.0	0.0	0.0	e/
1985	0.0	0.0	81.8	0.0	0.0	81.8
<u>Columbia River</u>						
1971-1975 Average	0.0	44.5	89.8	66.6	31.1	232.0
1976	0.0	92.9	130.1	62.9	40.3	326.1
1977	0.0	1.9	62.6	18.3	16.2	99.0
1978	0.0	e/	56.2	12.1	23.5	91.8
1979	0.0	0.1	79.3	31.5	1.7	112.6
1980	0.0	0.0	30.3	20.2	4.7	55.1
1981	0.0	0.0	45.3	29.5	1.8	76.5
1982	0.0	0.0	44.0	e/	e/	44.0
1983	0.0	0.0	0.1	4.9	13.4	18.4
1984	0.0	0.0	0.0	6.5	0.0	6.5
1985	0.0	0.0	0.0	14.2	e/	14.2
<u>Total<sup>d/</sup></u>						
1971-1975 Average	0.0	160.6	348.2	230.5	110.3	849.6
1976	0.0	227.7	629.6	321.7	168.3	1,347.3
1977	0.0	2.2	369.2	185.9	99.2	656.6
1978	0.0	e/	313.0	112.4	121.3	546.7
1979	0.0	0.9	363.9	261.1	4.2	630.1
1980	0.0	0.0	199.0	138.0	4.8	341.8
1981	0.0	0.0	219.1	128.8	1.8	351.0
1982	0.0	0.0	224.4	14.7	0.1	239.1
1983	0.0	0.0	4.0	6.1	13.4	23.5
1984	0.0	0.0	0.0	23.4	0.0	23.4
1985	0.0	0.0	114.3	14.3	0.0	128.6

Table A-12. (continued)

	May <sup>b/</sup>	June	July	August	September <sup>c/</sup>	Total
<u>PINK LANDINGS (thousands of fish)<sup>f/</sup></u>						
<u>Cape Flattery<sup>d/</sup></u>						
1971-1975 Average	0.1	1.0	4.8	7.4	1.9	15.2
1977	0.1	0.4	35.5	111.8	7.7	155.6
1979	e/	e/	48.6	272.6	1.0	322.3
1981	0.4	e/	33.4	118.2	0.1	151.9
1983	e/	e/	e/	79.4	0.3	75.6
1985	0.0	0.0	1.5	87.3	0.5	89.2
<u>Quillayute</u>						
1971-1975 Average	0.1	2.1	18.4	8.8	0.4	29.8
1977	0.5	0.3	45.6	44.3	0.5	91.2
1979	e/	0.6	33.0	161.7	0.1	195.4
1981	0.1	e/	18.8	35.3	e/	54.3
1983	0.0	0.0	e/	6.0	e/	6.2
1985	0.0	0.0	2.7	6.1	0.0	8.8
<u>Grays Harbor</u>						
1971-1975 Average	e/	0.3	3.5	0.4	e/	4.2
1977	0.5	0.1	17.5	7.0	0.2	25.2
1979	e/	e/	9.1	20.0	e/	29.2
1981	0.2	e/	12.3	7.5	e/	20.0
1983	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.1	0.0	2.5	0.0	0.0	2.6
<u>Columbia River</u>						
1971-1975 Average	0.0	0.0	0.1	e/	e/	0.1
1977	0.0	0.0	2.1	1.1	0.8	4.0
1979	0.0	0.0	1.5	1.6	0.1	3.2
1981	0.0	0.0	1.9	0.8	e/	2.7
1983	0.0	0.0	0.0	e/	e/	e/
1985	0.0	0.0	0.0	1.0	0.0	1.0
<u>Total</u>						
1971-75 average	0.2	3.5	26.8	16.5	2.3	49.4
1977	1.1	0.9	0.1, <sup>7</sup>	164.1	9.2	276.0
1979	0.1	0.6	92.3	456.0	1.2	550.1
1981	0.7	e/	66.4	161.8	e/	228.9
1983	e/	e/	0.1	85.4	0.3	85.8
1985	0.1	0.0	6.8	94.3	0.4	101.7

a/ Summary of WDF fish receiving ticket information by statistical month, excluding Washington landings from Oregon, California, and Alaska. Data for 1984-1985 are preliminary. Does not include effort or catch from Oregon or California landings.

b/ May catch and effort includes pre-May data.

c/ September catch and effort includes post-September data.

d/ Cape Flattery area includes catches from Strait of Juan de Fuca.

e/ Less than 50.

f/ Odd years only.

Table A-13. Catch delivery and statistics by statistical month and port of landing for treaty Indian troll fisheries, 1976-1985.

Year	January-			April-			May			June			July			August			September			October			Total		Year Total		
	January	February	March	April	May	June	July	August	September	October	November	December	January	February	March	April	May	June	July	August	September	October	November	December	January	February			
<u>Area 4B</u>																													
1976																													
1977																													
1978																													
1979																													
1980																													
1981																													
1982																													
1983																													
1984																													
1985																													
<u>Cape Flattery</u>																													
1972-1975 Average																													
1976	4																												
1977	0																												
1978	1																												
1979	7																												
1980	0																												
1981	4																												
1982	6																												
1983	0																												
1984	0																												
1985	0																												
<u>Quillayute</u>																													
1972-1975 Average	2																												
1976	0																												
1977	0																												
1978	5																												
1979	2																												
1980	1																												
1981	26																												
1982	0																												
1983	0																												
1984	0																												
1985	0																												
<u>Grays Harbor</u>																													
1972-1975 Average	10																												
1976	0																												
1977	0																												
1978	0																												
1979	0																												
1980	0																												
1981	0																												
1982	0																												
1983	0																												
1984	0																												
1985	0																												
<u>Total Treaty Troll Deliveries</u>																													
1972-1975 Average	380	171	169	240	176	96	49	96	852	1,377	516	47	23	11	4	0	61	113	630	516	509	375	1,309	1,322	932	932	932	932	
1976	516	56	105	272	119	47	8	70	599	1,193	609	29	37	62	41	3	82	238	1,322	516	509	375	1,309	1,322	932	932	932	932	
1977	519	104	156	125	212	60	61	85	102	290	619	12	16	2	10	112	375	1,322	516	509	375	1,309	1,322	932	932	932	932		
1978	613	122	166	110	94	66	10	112	594	1,348	613	14	11	4	12	102	375	1,322	516	509	375	1,309	1,322	932	932	932	932		
1979	488	90	86	177	184	20	3	102	557	1,348	488	27	17	4	12	112	375	1,322	516	509	375	1,309	1,322	932	932	932	932		
1980	666	39	207	155	52	25	4	122	478	1,348	666	25	17	225	1,022	290	375	1,322	516	509	375	1,309	1,322	932	932	932	932		
1981	839	133	150	139	323	17	17	128	478	1,348	839	64	42	77	2,466	613	375	1,322	516	509	375	1,309	1,322	932	932	932	932		
1982	1,097	200	384	591	647	42	1	94	94	1,348	1,097	315	10	112	112	1,893	1,893	1,893	1,893	1,893	1,893	1,893	1,893	1,893	1,893	1,893	1,893		
1983	1,495	315	400	276	549	353	1	94	94	1,348	1,495	177	3	33	88	1,978	1,978	1,978	1,978	1,978	1,978	1,978	1,978	1,978	1,978	1,978	1,978		
1984	1,104	180	312	1	33	31	1	94	94	1,348	1,104	45	324	147	73	1,039	1,039	1,039	1,039	1,039	1,039	1,039	1,039	1,039	1,039	1,039	1,039		
1985	668																												

Table A-13. (continued)

Year	January-April						CHINOOK LANDINGS						November-December		Total May-September		Year Total		
	May	June	July	August	September	October													
<u>Area 4B</u>																			
1975	4,956	1,890	1,397	283	13	2	19	766	3,583	9,324									
1976	9,648	180	183	88	93	2	455	3,546	10,649										
1977	7,825	326	560	74	102	61	8	632	1,123	9,588									
1978	8,983	914	2,036	183	172	48	26	913	3,353	13,275									
1979	6,588	359	412	94	123	21	3	836	1,009	8,436									
1980	9,539	23	12	51	27	3	13	1,044	116	10,712									
1981	12,776	1,130	316	130	44	33	26	1,495	1,653	15,950									
1982	17,941	1,384	287	111	100	99	196	487	981	19,605									
1983	16,562	1,798	530	93	85	5	65	2,511	2,862	14,571									
1984	13,073	715	95	51	0	1	113	523	594	7,345									
1985	5,009	1,329	0	57	4	3	247	696	1,393										
<u>Cape Flattery</u>																			
1972-1975 Average						43	417	647	967	447	319	16	4	2,797	2,860				
1976	28	1,101	1,845	3,192	486	23	1	43	5,604	5,648									
1977	7	1,353	464	145	31	0	0	0	3,094	3,122									
1978	23	698	1,609	11	6	0	0	0	2,347	2,354									
1979	36	33	187	127	18	5	1	0	371	408									
1980	0	27	293	13	25	0	0	0	2,548	2,548									
1981	0	222	1,114	2,164	38	112	0	0	3,446	3,458									
1982	0	2,101	6,884	749	2,252	104	0	0	12,013	12,117									
1983	0	1,736	225	315	423	0	7	0	2,362	2,862									
1984	0	378	403	523	724	0	0	0	2,028	2,035									
1985	0	2,027	57	2,653	1,198	1,000	0	0	6,935	6,935									
<u>Quillayute</u>																			
1972-1975 Average						39	278	122	567	333	175	34	0	1,475	1,548				
1976	0	102	451	653	377	43	2	0	1,626	1,628									
1977	0	23	145	335	143	83	0	0	729	729									
1978	0	8	13	165	29	30	0	0	246	246									
1979	314	54	121	41	60	0	0	0	276	590									
1980	1	87	412	1,119	63	0	0	0	1,681	1,682									
1981	0	354	706	1,382	37	28	86	53	2,907	2,946									
1982	0	53	584	1,164	686	268	0	0	2,518	2,518									
1983	0	528	687	216	0	0	0	0	2,015	2,015									
1984	0	131	8	97	437	0	0	0	673	673									
1985	0	45	68	602	1,089	572	0	0	2,476	2,476									
<u>Grays Harbor</u>																			
1972-1975 Average						312	93	151	186	42	16	67	4	488	571				
1976	0	42	68	1	0	0	12	1	0	0	0	0	0	111	111				
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13				
1978	0	17	0	134	32	0	0	0	0	0	0	0	0	183	183				
1979	0	0	0	37	38	0	0	0	75	75									
1980	0	14	345	267	43	0	0	0	669	569									
1981	0	647	202	782	70	12	0	0	1,713	1,713									
1982	0	34	41	0	3	0	0	0	78	78									
1983	0	152	19	207	0	0	0	0	383	383									
1984	0	610	24	392	147	21	0	0	1,194	1,194									
<u>Total Treaty Troll Chinook Landings</u>																			
1972-1975 Average						5,350	2,678	2,317	2,003	835	510	136	774	8,343	14,603				
1976	9,648	2,381	2,558	3,920	956	68	3	498	7,873	18,036									
1977	7,853	1,450	2,058	982	402	176	8	632	5,068	13,452									
1978	8,990	945	2,747	1,872	212	84	26	913	5,860	15,378									
1979	6,938	463	720	353	233	27	4	836	1,796	8,617									
1980	9,540	137	3,476	141	28	1	044	4,499	15,017										
1981	12,776	1,720	2,481	3,924	162	269	224	1,568	8,556	23,123									
1982	17,941	1,111	2,937	8,923	1,605	2,631	300	487	17,207	35,953									
1983	16,562	2,523	2,891	963	619	428	65	964	7,424	25,057									
1984	13,073	1,376	511	696	1,368	120	1	523	3,952	17,662									
1985	4,011	149	3,704	2,438	1,696	247	696	11,998	11,998	17,950									

Table A-13. (continued)

Year	January-April						November-December						Total Year Total	
	May	June	July	August	September	October	May	June	July	August	September	October	May-September	Total
<u>PINK LANDINGS</u>														
<u>Area 48</u>														
1975	0	0	0	0	0	0	0	0	0	0	0	0	0	127
1976	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	607
1978	7	0	4	0	1	0	68	528	6	0	0	0	0	2
1979	1	0	0	0	0	0	0	0	0	0	0	0	0	1,576
1980	3	0	533	248	769	26	0	0	0	0	0	0	0	1,577
1981	0	0	68	2	73	8	0	0	0	0	0	0	0	4
1982	0	0	0	0	0	0	0	0	0	0	0	0	0	986
1983	0	0	1	3	235	13	0	0	0	0	0	0	0	0
1984	0	0	0	0	1	0	0	0	0	0	0	0	0	1,498
1985	0	0	0	0	4	9	0	0	0	0	0	0	0	1,498
<u>Cape Flattery</u>														
1972-1975 Average	0	0	0	7	68	169	9	0	0	0	0	0	0	253
1976	0	0	84	1	22	1	0	0	0	0	0	0	0	253
1977	0	0	0	1	1,041	1,280	5	0	0	0	0	0	0	2,411
1978	0	0	0	1	0	0	0	0	0	0	0	0	0	2
1979	0	0	180	0	1,067	9	0	0	0	0	0	0	0	1,813
1980	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	2	0	760	1,051	702	0	0	0	0	0	0	2,515
1982	0	0	0	0	0	0	0	0	0	0	0	0	0	2,515
1983	0	0	1	6	1,259	15,949	649	0	0	0	0	0	0	17,864
1984	0	0	0	0	0	0	0	0	0	0	0	0	0	17,864
1985	0	0	0	0	261	2,279	1,806	138	0	0	0	0	0	4,484
<u>Owilliwaute</u>														
1972-1975 Average	0	0	1	43	164	43	13	0	0	0	0	0	0	264
1976	0	0	0	0	0	0	0	0	0	0	0	0	0	264
1977	0	10	469	1,122	302	0	0	0	0	0	0	0	0	1,903
1978	0	0	1	0	0	0	0	0	0	0	0	0	0	1
1979	0	26	927	357	0	1,762	0	0	0	0	0	0	0	3,072
1980	0	20	0	0	0	0	0	0	0	0	0	0	0	3,072
1981	22	123	539	147	20	0	0	0	0	0	0	0	0	851
1982	0	0	0	0	0	0	0	0	0	0	0	0	0	851
1983	0	0	0	27	69	465	0	0	0	0	0	0	0	561
1984	0	0	0	0	0	0	0	0	0	0	0	0	0	561
1985	0	0	0	90	1,195	461	6	0	0	0	0	0	0	1,752
<u>Grays Harbor</u>														
1972-1985 Average	0	0	0	4	31	0	0	0	0	0	0	0	0	35
1976	0	0	0	0	0	0	0	0	0	0	0	0	0	35
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	9	45	0	0	0	0	0	0	0	0	54
1982	0	0	0	0	0	0	0	0	0	0	0	0	0	54
1983	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1985	0	4	30	294	17	0	0	0	0	0	0	0	0	345
<u>Total Treaty Troll Pink Landings</u>														
1972-1975 Average	0	1	56	371	229	22	0	0	0	0	0	0	0	679
1976	0	0	0	22	2	0	0	0	0	0	0	0	0	24
1977	0	98	471	2,231	2,110	11	0	0	0	0	0	0	0	4,921
1978	7	0	2	1	0	0	0	0	0	0	0	0	0	5
1979	1	26	1,640	1,162	3,598	35	0	0	0	0	0	0	0	6,461
1980	3	0	1	0	0	0	0	0	0	0	0	0	0	1
1981	0	92	134	1,417	2,033	730	0	0	0	0	0	0	0	4,406
1982	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	2	36	1,563	17,660	662	0	0	0	0	0	0	0	19,923
1984	0	0	0	1	0	0	0	0	0	0	0	0	0	19,923
1985	0	4	381	3,772	2,293	144	0	0	0	0	0	0	0	6,594

Table A-14. Washington ocean recreational salmon fishery effort (angler trips) and catch<sup>f</sup>/ of chinook, coho, and pink salmon (thousands of fish) by port and statistical month for 1976-1985<sup>a</sup> and 1971-1975 average.

	April <sup>b</sup>	May	June	July	August	September	October <sup>c</sup>	Total
<u>ANGLER TRIPS (thousands)</u>								
<u>Neah Bay</u>								
1971-1975 Average	1.2	2.6	5.0	14.4	23.3	11.0	0.2	57.6
1976	1.0	1.5	3.1	12.6	17.7	8.2	0.2	44.3
1977	0.3	0.8	5.1	13.0	25.5	10.9	0.5	56.2
1978	0.3	1.9	5.0	17.2	20.7	12.2	1.8	59.1
1979	0.0	0.6	3.8	10.7	13.8	1.0	0.0	30.0
1980	0.0	0.6	3.4	11.6	11.7	1.1	0.0	28.5
1981	0.1	1.2	2.2	9.8	12.0	3.2	0.0	28.5
1982	0.0	0.6	1.5	10.9	17.3	5.8	0.0	36.1
1983	0.0	0.5	1.8	14.4	22.2	7.7	0.0	46.6
1984	0.1	0.0	0.0	2.5	5.9	0.2	0.0	8.6
1985	0.0	0.0	0.2	7.3	9.5	0.1	0.0	17.1
<u>La Push</u>								
1971-1975 Average	0.1	0.4	2.1	9.0	17.5	6.5	0.6	36.2
1976	0.0	0.9	2.9	13.0	19.9	9.3	0.1	46.1
1977	0.0	0.5	1.1	7.5	15.4	4.4	0.1	29.0
1978	0.0	0.1	1.4	9.3	9.5	1.9	1.2	23.4
1979	0.0	0.1	0.2	4.4	7.9	0.0	0.0	12.5
1980	0.0	0.1	1.1	5.4	6.0	0.0	0.0	12.6
1981	0.0	0.0	0.0	0.0	1.4	0.0	0.0	1.4
1982	0.0	0.0	0.2	3.5	3.7	0.0	0.0	7.4
1983	0.0	0.0	0.0	1.3	4.3	0.5	0.0	6.1
1984	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.2
1985	0.0	0.0	e/	0.9	0.9	0.0	0.0	1.8
<u>Westport</u>								
1971-1975 Average	5.2	14.6	30.9	65.0	69.0	30.8	5.0	220.6
1976	2.0	10.4	39.4	77.8	73.0	38.3	5.9	247.0
1977	7.4	11.8	40.0	70.4	88.6	42.3	2.8	263.2
1978	2.1	11.9	42.3	79.5	73.0	31.2	4.8	244.7
1979	0.0	14.4	34.6	53.2	55.1	1.3	0.0	158.6
1980	0.0	11.1	30.6	51.5	41.8	0.8	0.0	135.9
1981	0.0	6.5	23.4	48.0	39.1	0.0	0.0	117.1
1982	0.0	2.1	29.6	55.0	26.4	0.0	0.0	113.2
1983	0.0	2.5	25.6	36.7	21.8	6.3	0.0	92.9
1984	0.0	2.2	1.2	3.4	7.1	0.0	0.0	13.9
1985	0.0	0.0	1.8	27.6	23.0	3.4	0.0	55.8
<u>Ilwaco<sup>d</sup>/</u>								
1971-1975 Average	0.9	4.8	13.2	39.0	72.2	36.0	2.5	168.5
1976	0.3	5.7	24.5	51.2	81.5	34.1	3.2	200.7
1977	1.3	6.0	21.2	43.3	81.1	26.5	2.1	181.5
1978	0.5	3.3	23.0	42.7	56.2	27.9	1.9	155.6
1979	0.0	4.2	15.6	37.2	50.9	1.5	0.0	109.5
1980	0.0	3.8	19.7	35.5	42.1	2.0	0.0	103.1
1981	0.0	3.1	12.3	28.2	39.9	4.3	0.0	87.8
1982	0.0	0.0	10.2	38.5	7.9	4.5	0.3	61.4
1983	0.0	0.3	6.7	26.6	24.1	6.2	0.0	63.9
1984	0.0	0.2	0.1	3.9	9.8	0.0	0.0	14.0
1985	0.0	0.0	1.0	19.1	30.8	2.2	0.0	53.1
<u>Total</u>								
1971-1975 Average	7.4	22.3	51.2	127.4	182.0	84.3	8.3	482.9
1976	3.4	18.5	70.0	154.7	192.1	89.9	9.4	538.1
1977	9.0	19.1	67.4	134.2	210.6	84.2	5.5	530.0
1978	2.9	17.3	71.6	148.7	157.4	73.2	9.7	482.8
1979	0.0	19.3	54.2	105.6	127.7	3.9	0.0	310.7
1980	0.0	15.7	54.9	104.1	101.5	3.9	0.0	280.1
1981	0.1	10.7	38.0	86.0	92.4	7.5	0.0	234.7
1982	0.0	2.7	41.6	107.9	55.3	10.3	0.3	218.1
1983	0.0	3.2	34.1	79.0	72.5	20.7	0.0	209.5
1984	0.1	2.4	1.3	9.8	23.0	0.2	0.0	36.8
1985	0.0	0.0	3.0	54.9	64.3	5.8	0.0	127.9

Table A-14. (continued)

	April <sup>b/</sup>	May	June	July	August	September	October <sup>c/</sup>	Total
<u>CHINOOK LANDINGS (thousands of fish)</u>								
<u>Neah Bay</u>								
1971-1975 Average	0.8	1.3	1.8	4.3	3.9	1.6	0.1	13.8
1976	0.9	0.6	1.6	4.9	1.9	1.4	0.0	11.3
1977	0.2	0.4	1.3	1.7	3.0	0.8	0.0	7.3
1978	0.3	0.5	2.2	2.6	1.0	0.3	0.2	7.2
1979	0.0	0.2	0.4	1.2	0.8	0.0	0.0	2.6
1980	0.0	0.2	0.4	1.8	0.4	0.0	0.0	2.8
1981	0.0	0.4	0.5	1.6	0.5	0.1	0.0	3.1
1982	0.0	0.1	0.4	1.6	0.8	0.2	0.0	3.2
1983	0.0	0.1	0.3	1.2	0.6	0.2	0.0	2.3
1984	e/	0.0	0.0	0.1	0.1	0.0	0.0	0.2
1985	0.0	0.0	e/	1.7	0.3	e/	0.0	2.0
<u>La Push</u>								
1971-1975 Average	0.1	0.2	0.3	1.8	5.2	3.2	0.4	11.2
1976	0.0	0.0	0.6	2.3	2.7	1.3	0.0	6.9
1977	0.0	0.0	0.1	0.8	1.7	0.2	0.0	2.7
1978	0.0	0.0	0.0	0.8	1.4	0.4	0.0	2.7
1979	0.0	0.0	0.0	0.4	0.5	0.0	0.0	1.0
1980	0.0	0.0	0.1	0.5	0.3	0.0	0.0	0.9
1981	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
1982	0.0	0.0	0.0	0.4	0.5	0.0	0.0	1.0
1983	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
1984	0.0	0.0	0.0	e/	e/	0.0	0.0	e/
1985	0.0	0.0	e/	0.2	0.1	0.0	0.0	0.3
<u>Westport</u>								
1971-1975 Average	4.2	7.3	21.1	35.7	26.2	7.4	0.7	102.7
1976	1.3	6.8	2.6	33.1	13.6	8.9	1.6	91.5
1977	3.5	3.7	24.3	19.3	31.3	17.2	1.6	101.0
1978	2.1	8.4	26.8	12.5	12.1	2.3	0.5	64.8
1979	0.0	7.0	16.0	9.8	16.1	0.0	0.0	48.9
1980	0.0	1.4	10.5	15.4	6.2	0.1	0.0	33.5
1981	0.0	2.1	10.7	29.3	15.3	0.0	0.0	57.4
1982	0.0	0.5	33.1	38.5	10.9	0.0	0.0	83.1
1983	0.0	0.7	20.3	8.9	4.6	1.3	0.0	35.8
1984	0.0	3.9	2.2	e/	e/	0.0	0.0	6.0
1985	0.0	0.0	0.8	10.2	6.8	0.3	0.0	18.1
<u>Illwaco</u>								
1971-1975 Average	0.8	4.4	10.7	25.0	28.8	12.5	0.5	82.8
1976	0.3	4.4	20.8	10.8	18.4	5.9	0.4	61.0
1977	0.4	4.1	9.5	13.7	32.8	3.3	0.1	64.0
1978	0.1	0.4	4.8	5.1	9.4	1.8	0.2	21.8
1979	0.0	2.7	8.1	3.8	9.8	0.0	0.0	24.4
1980	0.0	1.0	2.6	4.1	8.5	0.2	0.0	16.4
1981	0.0	0.1	0.7	5.8	16.0	1.1	0.0	23.8
1982	0.0	0.0	8.4	10.2	0.9	0.0	0.0	19.4
1983	0.0	0.1	4.3	3.9	1.1	0.5	0.0	10.0
1984	0.0	0.3	0.3	0.0	0.1	0.0	0.0	0.7
1985	0.0	0.0	0.1	2.8	4.8	0.1	0.0	7.7
<u>Total</u>								
1971-1975 Average	5.9	13.1	33.9	66.9	64.1	24.7	1.7	210.4
1976	2.6	11.9	49.3	51.0	36.5	17.5	2.0	170.7
1977	4.1	8.1	35.2	35.5	68.8	21.5	1.7	175.0
1978	2.5	9.2	33.9	21.0	23.9	4.5	1.4	96.4
1979	0.0	9.9	24.5	15.2	27.2	0.1	0.0	76.9
1980	0.0	2.6	13.5	21.8	15.4	0.3	0.0	53.6
1981	0.0	2.6	11.9	36.7	31.9	1.2	0.0	84.4
1982	0.0	0.7	41.9	50.7	13.1	0.2	0.0	106.7
1983	0.0	0.9	24.9	14.2	6.4	2.0	0.0	48.3
1984	e/	4.2	2.5	0.1	0.2	0.0	0.0	6.9
1985	0.0	0.0	0.9	14.8	12.1	0.3	0.0	28.1

Table A-14. (continued)

	April <sup>b/</sup>	May	June	July	August	September	October <sup>c/</sup>	Total
<u>COHO LANDINGS (thousands of fish)</u>								
<u>Neah Bay</u>								
1971-1975 Average	0.1	0.3	2.3	9.9	25.9	11.2	0.2	50.4
1976	0.0	0.8	3.2	14.2	27.8	10.3	0.1	56.6
1977	0.3	1.0	2.7	13.3	38.1	12.2	0.6	68.1
1978	0.1	0.2	2.7	11.3	17.7	12.6	0.4	45.0
1979	0.0	0.1	2.5	9.8	11.5	0.9	0.0	24.8
1980	0.0	0.6	5.7	8.6	8.1	1.0	0.0	23.9
1981	0.0	0.5	1.1	6.8	12.9	4.4	0.0	25.7
1982	0.0	0.1	0.8	10.4	22.4	5.8	0.0	39.5
1983	0.0	0.4	2.4	15.3	26.9	6.7	0.0	51.8
1984 <sup>d/</sup>	0.0	0.0	0.0	0.9	5.2	0.3	0.0	6.4
1985	0.0	0.0	0.1	5.0	14.7	0.1	0.0	23.3
<u>La Push</u>								
1971-1975 Average	0.0	0.3	1.9	10.0	19.9	5.4	0.3	37.9
1976	0.0	0.5	2.7	17.0	32.6	10.1	0.1	63.0
1977	0.0	0.5	1.3	9.4	18.6	2.7	0.0	32.6
1978	0.0	0.1	2.1	7.7	9.0	2.7	0.0	21.7
1979	0.0	0.1	0.2	2.9	8.4	0.0	0.0	11.6
1980	0.0	0.2	2.0	5.9	7.3	0.0	0.0	15.4
1981	0.0	0.0	0.0	0.0	1.3	0.0	0.0	1.3
1982	0.0	0.0	0.2	3.1	5.5	0.0	0.0	8.8
1983	0.0	0.0	0.0	0.6	5.8	0.5	0.0	6.9
1984	0.0	0.0	0.0	e/	0.1	0.0	0.0	0.2
1985	0.0	0.0	e/	0.3	1.5	0.0	0.0	2.1
<u>Westport</u>								
1971-1975 Average	2.5	20.8	35.8	73.7	80.2	37.8	5.1	256.0
1976	0.8	17.9	70.4	155.4	133.4	68.2	5.3	451.3
1977	0.1	14.9	33.6	92.8	45.6	17.2	2.3	206.6
1978	0.2	7.2	48.7	72.6	51.8	22.4	1.4	204.4
1979	0.0	4.9	25.7	57.7	43.0	0.5	0.0	131.6
1980	0.0	16.3	40.6	68.6	41.9	0.4	0.0	167.8
1981	0.0	2.5	23.9	36.4	29.2	0.0	0.0	92.0
1982	0.0	0.0	9.6	40.4	24.7	0.0	0.0	74.8
1983	0.0	0.0	12.2	25.0	20.3	7.4	0.0	65.0
1984 <sup>e/</sup>	0.0	0.0	0.0	1.7	8.9	0.0	0.0	10.6
1985	0.0	0.0	1.4	29.9	31.8	5.9	0.0	73.6
<u>Ilwaco</u>								
1971-1975 Average	0.2	4.7	16.8	56.5	105.0	38.6	1.4	223.1
1976	0.2	6.4	47.3	95.8	127.1	66.2	3.8	371.9
1977	0.0	4.6	35.2	61.3	58.3	20.8	2.7	183.0
1978	1.0	6.2	51.9	58.0	49.3	30.6	1.8	198.8
1979	0.0	2.8	19.5	45.4	53.8	0.7	0.0	122.3
1980	0.0	7.8	48.0	60.4	37.7	0.6	0.0	154.5
1981	0.0	5.4	22.4	41.6	43.4	5.8	0.0	118.5
1982	0.0	0.0	10.0	58.8	6.0	7.7	0.5	82.9
1983	0.0	0.0	7.4	41.3	26.8	10.0	0.0	85.6
1984	0.0	0.0	0.0	7.2	16.1	0.0	0.0	23.3
1985	0.0	0.0	1.4	24.8	44.0	1.5	0.0	79.8
<u>Total</u>								
1971-1975 Average	2.9	26.6	56.9	150.0	231.1	92.9	7.0	567.4
1976	1.1	25.6	123.7	307.5	320.9	154.7	9.3	942.8
1977	0.4	21.1	72.8	176.8	160.6	52.9	5.6	490.2
1978	1.4	13.6	105.4	149.5	127.9	68.3	3.6	469.8
1979	0.0	7.9	47.8	115.7	116.8	2.1	0.0	290.3
1980	0.0	24.8	96.3	143.4	95.0	2.0	0.0	361.5
1981	0.0	8.3	47.5	84.8	86.8	10.1	0.0	237.6
1982	0.0	0.1	20.6	112.7	58.7	13.4	0.5	206.0
1983	0.0	0.4	22.0	82.2	80.0	24.7	0.0	209.3
1984	0.0	0.0	0.0	9.9	30.2	0.3	0.0	40.4
1985	0.0	0.0	2.8	59.9	92.0	7.5	0.0	178.9

Table A-14. (continued)

	April <sup>b/</sup>	May	June	July	August	September	October <sup>c/</sup>	Total
<u>PINK LANDINGS (thousands of fish)</u>								
<u>Neah Bay</u>								
1971-1975 Average	0.0	0.0	0.0	0.8	3.7	0.6	0.0	5.2
1977	0.0	0.0	0.0	1.7	8.7	0.1	0.0	10.5
1979	0.0	0.0	0.3	2.4	8.4	0.4	0.0	11.5
1981	0.0	0.0	0.0	1.8	5.6	0.4	0.0	7.8
1983	0.0	0.0	0.0	0.4	3.6	0.2	0.0	4.2
1985	0.0	0.0	0.0	0.1	1.0	e/	0.0	1.2
<u>La Push</u>								
1971-1975 Average	0.0	0.0	0.0	0.8	1.6	0.1	0.0	2.6
1977	0.0	0.0	0.0	0.6	2.3	0.0	0.0	3.0
1979	0.0	0.0	0.0	0.3	1.5	0.0	0.0	1.8
1981	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3
1983	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3
1985	0.0	0.0	0.0	e/	e/	0.0	0.0	e/
<u>Westport</u>								
1971-1975 Average	0.0	0.0	0.8	1.0	0.3	0.0	0.0	2.1
1977	0.0	0.0	0.3	1.4	11.6	0.9	0.0	14.3
1979	0.0	0.0	0.7	1.0	2.2	0.0	0.0	4.0
1981	0.0	0.0	0.2	0.8	0.7	0.0	0.0	1.7
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.7	0.9	e/	0.0	1.6
<u>Ilwaco</u>								
1971-1975 Average	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.2
1977	0.0	0.0	0.2	0.7	0.6	0.0	0.0	1.5
1979	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.3
1981	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.4
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	e/	0.2	0.0	0.0	0.2
<u>Total</u>								
1971-1975 Average	0.0	0.0	0.8	2.7	5.8	0.8	0.0	10.1
1977	0.0	0.3	1.6	14.6	12.6	0.1	0.0	29.3
1979	0.0	0.0	1.1	3.9	12.2	0.4	0.0	17.6
1981	0.0	0.1	0.2	2.7	6.9	0.4	0.0	10.2
1983	0.0	0.0	0.0	0.4	3.9	0.2	0.0	4.5
1985	0.0	0.0	0.0	0.9	2.2	e/	0.0	3.1

a/ Data for the 1985 season are preliminary.

b/ Data for April includes any catch or effort prior to April.

c/ Data for October includes any catch or effort following October.

d/ Ilwaco statistics do not include catch and effort reported as occurring inside the Columbia River mouth.

e/ Less than 50.

f/ Does not include estimated mortality that is induced through species restriction or size limit regulation.